Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

CHEMICALS ~ DYESTUFFS ~ DRUGS ~ PAINTS ~ OILS ~ FERTILIZERS

12 GOLD STREET | June 8, 1936 | NEW YORK, N. Y.

Cliffs Dow

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Charcoal
Creosote Oils
Ferrous Acetate (Iron Liquor)
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Propionic Acid

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MARQUETTE, MICHIGAN

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ACETOXIME
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Amyl Alcohol (Secondary)
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Butyl Alcohol (Secondary)
Butyl Alcohol (Tertiary)
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Iso Crotyl Chloride
Methallyl Alcohol
Methallyl Chloride
Methyl Ethyl Ketone
Methyl Propyl Ketone
Tri Isobutylene

Manufactured by
SHELL CHEMICAL COMPANY
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NEW YORK CITY

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» Calcined Borax Glass » Manganese Borate » Anhydrous Ammonium Borate »
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51 Madison Avenue, New York
CHICAGO LOS ANGELES

Oil, Paint and Drug Reporter

The Market Authority Since 1871
Chemicals-Dyestuffs-Drugs-Paints-Oils-Fertilizers

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Oil, Paint and Drug Reporter, Inc.

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William O. Allison

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Closing Market Developments

London Closing Cable

LONDON, June 5, 1936.

Quicksilver quotations were £11 12s. 6d. to £12 2s. 6d. per flask, compared with £11 15s. to £12 5s. prevailing previously.

Imported Pennyroyal Oil Down

Quotations on imported pennyroyal oil were reduced to $1.30 to $1.35 per pound last week, the movement resulting from an increase in local competition.

Tallow Firm

Tallow was quiet late in the week so far as actual sales were concerned but there were frequent inquiries reported and the market retained a firm tone. The last transactions reported were on the basis of 4⅜c. per pound for extra. Offerings were light.

Bulk Gasoline Steady

Tankcar gasoline prices at local refineries held steady as last week closed. The demand from the jobbing trade was good and the market is fast losing the signs of weakness that were present at the week's opening.

Pyrethrum Flowers Weaker

Pyrethrum flowers were weaker at a late hour last week. Although no quotable change in prices was reported, lack of demand and general prospects surrounding the new crop were sufficient to keep values in a position favoring buyers at all time.

Tin Salts Firmer

The various tin salts appeared firmer at the close of the week, with the improved price tone due to the rise in the price for Straits tin to 44c. per pound. Tin crystals were firm at 34½c. to 35c. per pound, and soda stannate was higher at 29½c. to 31½c. per pound. Tin anhydrous tetrachloride was firmer, with price Friday at 22c. per pound.

Perilla Oil Firmer

Perilla oil remained firm on spot late in the week with some sellers refusing to accept less than 8c. per pound for tankcars and 8⅛c. for drums. The advance during the week, amounting to about a cent a pound, had the effect of checking demand and the market was quiter at the week end following liberal sales earlier in the period. Business in futures was at a standstill, importers being disinclined to offer in view of the proposed tax on imports.

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HIDING POWER *goes up* PIGMENTATION *comes down!*

When you formulate enamels with Titanox-A

● Jobs are completed with fewer coats when quick-drying household enamels are formulated with Titanox-A (Titanium Dioxide).

This modern pigment has the highest hiding power of any of the white pigments commercially obtainable. It, therefore, provides extremely high opacity with very low pigmentation. This works to the advantage of both the manufacturer and the consumer, saving money for the former and time and materials for the latter.

Because of the small amount of pigment required, elasticity and gloss are decidedly improved.

Another important advantage is stability. Since Titanox-A is chemically inert, it blends with synthetic resin varnish vehicles without livering or causing variations in consistency.

Our paint development laboratory will gladly inform you of the best modern practices in formulating enamels with Titanox.

TITANOX
REG. U.S. PAT. OFF.

TITANIUM PIGMENT COMPANY, INC., *Manufacturers of* TITANOX-A (Titanium Dioxide); TITANOX-B (Titanium Barium Pigment); TITANOX-C (Titanium Calcium Pigment); TITANOX-L (Lead Titanate) 111 Broadway, New York, N. Y.; Carondelet Station, St. Louis, Mo.; National Lead Co. (Pacific Coast Branch), 2240 24th St., San Francisco, Calif.; Canadian Distributor: Wilson, Paterson, Gifford (1935), Ltd., 3552 St. Patrick St., Montreal; 132 St. Helen's Ave., Toronto.

TITANOX

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 2.

Acacia—Alumina Chloride

A

Acacia (see Gum, Arabic)			
Acetal, dms., works	lb.	.75	1.00
Acetaldehyde, dms., works	lb.	.14	.16
Acetamide, CP, bots., kegs, 1,000 lb. min., works	lb.	.43	—
tech., kegs, 1,000 lb. min., works	lb.	.38	—
Acetanilide, tech., 95%, bbls.	lb.	.24	Nom.
USP, bbls.	lb.	.26	—
Acetin, tech., dms.	lb.	.22	.28
Acetoacetanilide, dms.	lb.	.65	.70
Acetone CP dms, cl., delvd	lb.	.09	—
l.c.l., delvd	lb.	.09½	—
tanks, delvd	lb.	.08	—
Methyl (see M)			
Acetophenone, bots., cns	lb.	1.25	2.25
Acetphenetidin, kegs	lb.	1.30	1.40
Acid, abietic, bbls., c.l.	lb.	.06¾	—
l.c.l.	lb.	.07	—
Acetic, comi. or redist., 28% bbls.	100 lbs.	2.45	2.70
cbys.	100 lbs.	2.95	3.20
50%, bbls.	100 lbs.	4.60	4.85
cbys.	100 lbs.	5.10	5.35
70%, bbls.	100 lbs.	5.75	5.90
cbys.	100 lbs.	6.25	6.40
80%, bbls	100 lbs.	6.53	6.70
cbys.	100 lbs.	7.03	7.20
glacial, nati., CP., cbys.	100 lbs.	14.00	—
comi., bbls.	100 lbs.	8.43	8.68
cbys.	100 lbs.	8.93	9.18
USP., dms.	100 lbs.	10.50	—
cbys.	100 lbs.	11.00	—
synth., 99.5%, al. dms.	100 lbs.	8.43	8.68
cbys.	100 lbs.	8.93	9.18
USP., reagent, 99.8% al. dms.	100 lbs.	10.50	—
cbys.	100 lbs.	11.00	—
pure, 30%, bbls.	100 lbs.	3.52	3.77
cbys.	100 lbs.	3.92	4.17
50%, bbls.	100 lbs.	3.95	4.20
cbys.	100 lbs.	4.45	4.70
80%, bbls.	100 lbs.	6.63	6.88
cbys.	100 lbs.	7.13	7.38
90%, bbls.	100 lbs.	8.33	8.58
cbys.	100 lbs.	8.83	9.08

Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts), $1.50 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.

Acetic, anhydride, dms., c.l.	lb.	.15	—
l.c.l.	lb.	.16	.19
Acetylsalicylic, USP., bbls., 225 lbs.	lb.	.55	—
boxes, 100 lbs.	lb.	.59	—
50 lbs.	lb.	.60	—
25 lbs.	lb.	.61	—
kegs, 100 lbs.	lb.	.58	—
Anthranilic, refd., bbls.	lb.	.85	.90
tech., bbls.	lb.	.75	—
Arsenous, tech. (see Arsenic, White).			
USP., powd., dms, kegs	lb.	.18	—
Benzoic, tech., kegs	lb.	.40	—
USP., kegs	lb.	.54	.59
Battery, cbys.	100 lbs.	1.60	2.50
Boric, tech., 99.5%, gran., bbls., contracts, 50 tons, delvd.	ton.	105.00	—
c.l., delvd.	ton.	110.00	—
l.c.l., ex whse.	ton.	115.00	130.00
ska., contracts, 50 tons, delvd.	ton.	95.00	—
c.l., dsvl.	ton.	100.00	—
l.c.l., ex whse.	ton.	105.00	110.00
powd., bbls., contracts, 50 tons, delvd.	ton.	110.00	—
c.l., delvd.	ton.	115.00	—
l.c.l., ex whse.	ton.	120.00	125.00
ska., contracts, 50 tons, delvd.	ton.	100.00	—
c.l., delvd.	ton.	105.00	—
l.c.l., ex whse.	ton.	110.00	120.00

USP., $30 per ton higher.

Brenner's, bbls.	lb.	1.10	1.21
Butyric, 85%, w.w., cbys., works,	lb.	.25	.50
edible, cbys., works	lb.	1.20	1.30
synthetic, 90%, dms., c.l., S. Charleston, W. Va.	lb.	.22	—
l.c.l., same basis	lb.	.26	—
tanks, same basis	lb.	.21	—
Camphoric, cans	lb.	5.50	—
Caprelc, cans	lb.	2.20	—
Carbolic (see Phenol).			
Castor oil, split, dms.	lb.	.17	.17¼
Chicago, bbls	lb.	2.10	—
Chinawood oil, dms.	lb.	.20	.21
Chlorosulphonic, dms	lb.	.03½	.06
Chromic, 99%, dms., delvd. N.Y.	lb.	.14¾	.16¾
Cinnamic, refd., bots.	lb.	2.85	3.25
Citric, cryst., bbls.	lb.	.27	—
kegs	lb.	.27½	—
gran., bbls.	lb.	.27	—
kegs	lb.	.27½	—
powd., bbls.	lb.	.27½	—
anhyd., gran., dms.	lb.	.30	—
powd., dms.	lb.	.30½	—

Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.	lb.	.52	.54
Coconut oil, white, dms.	lb.	.09¼	.10¼
Cottonseed oil, dms.	lb.	.07½	.08
Cresylic, 99%, high-boil, straw color, dms., c.l., fob seaboard, frt. equald.	gal.	.63	.64
E, producing points gal	gal.	.65	—
l.c.l., same basis	gal.	.65	—
c.l., West, frt. equald. M.W. prod. points	gal.	.66	.67
l.c.l., same basis	gal.	.68	—
low-boil, straw color, dms., over 500 gals., frt. equald, nearest competitive prod. point	gal.	.73	—
less 500 gals., same basis	gal.	.75	—
Acid, cresylic, spec. resin grade, high-boil, dms., over 500 gals., same basis	gal.	.63	.64
less 500 gals., same basis	gal.	.65	—
low-boil, dms., over 500 gals., same basis	lb.	.07¾	—
less 500 gals., same basis	lb.	.08	—
imported, drums	gal.	.68	.81
Crotonic, dms., works	lb.	.90	1.00
Diethylbarbituric (see Barbital).			
Epsilon, bbls.	lb.	.77	.79
Formic, dom., 90%, cbys., c.l.	lb.	.11	.11½
l.c.l.	lb.	.12	.13
imported, cbys.	lb.	.11	.12
Fumaric, bbls.	lb.	.80	—
Gallic, tech., bbls.	lb.	.85	.88
USP, IX, bbls.	lb.	.77	.80
Gamma, bbls.	lb.	.80	.84
Gluconic, tech., 50%, bbls., 500 lbs.	lb.	.20	—
H, bbls.	lb.	.50	.55
Hempseed oil, dms.	lb.	.1180	.1225
Hydriodic, 47% bots.	lb.	2.20	2.25
57%, bots.	lb.	2.65	2.70
Hydrobromic, 10%, USP, cbys.	lb.	.18	.20
Hydrochloric (see Muriatic).			
Hydrocyanic, cyls., works	lb.	.80	1.30
Hydrofluoric, 30%, bbls	lb.	.07	.07½
lead, cbys.	lb.	.09	.09½
48%, lead cbys.	lb.	.11½	.12
52%, lead cbys.	lb.	.12½	.13
60%, lead cbys.	lb.	.15	.15½
Hydrofluosilicic, 30-35%, bbls.	lb.	.10½	.15
Hypophosphorus, USP, 30%, djns.	lb.	.75	—
Koch, bbls.	lb.	.36	.37
Lactic, 22%, dark, bbls.	lb.	.04½	.05
light, refined, bbls.	lb.	.06½	.07
44%, dark, bbls.	lb.	.09½	.10
light, refined, bbls.	lb.	.11½	.12
USP, X, 85%, cbys.	lb.	.45	.50
USP, VIII, 75%, cbys.	lb.	.43	.48
Linseed oil, dark or light, dms.	lb.	.1250	.1290
tanks	lb.	.1190	—
extra white, dms.	lb.	.11	.11½
split, dms.	lb.	.07¾	.08
refined, dms.	lb.	.08½	.09
Laurent's, bbls.	lb.	.46	.47
Maleic, powd., dms.	lb.	.29	.40
anhydride, dms.	lb.	.32	.43
Malic, powd., kegs	lb.	.43	.60
Mixed, tanks, nitric unit	lb.	.06½	.07½
sulphuric unit	lb.	.0065	.009
Monochloracetic, tech., bbls.	lb.	.16	.18
99%, bbls.	lb.	.18	.20
Monosulphonic, bbls.	lb.	1.50	1.60
Muriatic, 18°, cbys., c.l., works,	100 lbs.	1.35	—
l.c.l., 25 and over, works,	100 lbs.	1.60	—
10 to 24, works	100 lbs.	1.75	—
5 to 9, works	100 lbs.	1.95	—
1 to 4, works	100 lbs.	2.90	—
truckloads, delvd	100 lbs.	1.60	—
tanks, works	100 lbs.	1.00	—
20°, cbys., c.l., works	100 lbs.	1.45	—
l.c.l., 25 and over, works,	100 lbs.	1.70	—
10 to 24, works	100 lbs.	1.85	—
5 to 9, works	100 lbs.	2.05	—
1 to 4, works	100 lbs.	3.00	—
truckloads, delvd	100 lbs.	1.70	—
tanks, works	100 lbs.	1.10	—
22°, cbys., c.l., works	100 lbs.	1.95	—
l.c.l., 25 and over, works,	100 lbs.	2.20	—
10 to 24, works	100 lbs.	2.35	—
5 to 9, works	100 lbs.	2.55	—
1 to 4, works	100 lbs.	3.50	—
truckloads, delvd	100 lbs.	2.20	—
tanks, works	100 lbs.	1.60	—
CP, cbys.	lb.	.06½	.07¼
6-lb. bots.	lb.	.06¾	.12½
Naphthenic, S.V. 120-200, dms.	lb.	.07	.09
210-230, dms.	lb.	.10	.13
240-280, dms.	lb.	.11	.14
sludges, dms.	lb.	.06	.10
Neville & Winther's, bbls.	lb.	.85	.87
Nitric, 36°, cbys., c.l., works,	100 lbs.	5.00	—
l.c.l., 25 and over, works,	100 lbs.	5.25	—
10 to 24, works	100 lbs.	5.40	—
5 to 9, works	100 lbs.	5.60	—
1 to 4, works	100 lbs.	6.50	—
truckloads, delvd	100 lbs.	5.25	—
38°, cbys., c.l., works	100 lbs.	5.50	—
l.c.l., 25 and over, works,	100 lbs.	5.75	—
10 to 24, works	100 lbs.	5.90	—
5 to 9, works	100 lbs.	6.10	—
1 to 4, works	100 lbs.	7.00	—
truckloads, delvd	100 lbs.	5.75	—
40°, cbys., c.l., works	100 lbs.	6.00	—
l.c.l., 25 and over, works,	100 lbs.	6.25	—
10 to 24, works	100 lbs.	6.40	—
5 to 9, works	100 lbs.	6.60	—
1 to 4, works	100 lbs.	7.50	—
truckloads, delvd	100 lbs.	6.25	—
42°, cbys., c.l., works	100 lbs.	6.50	—
l.c.l., 25 and over, works,	100 lbs.	6.75	—
10 to 24, works	100 lbs.	6.90	—
5 to 9, works	100 lbs.	7.10	—
1 to 4, works	100 lbs.	8.00	—
truckloads, delvd	100 lbs.	6.75	—
CP, cbys.	lb.	.11¼	.12½
7-lb. bots.	lb.	.12½	.23½

Prices of yellow nitric acid 25c. per 100 lbs. below those above.

Oleum (see sulphuric fuming).			
Oxalic, dom., bbls.	lb.	.11¼	.12¾
Palm oil, dms.	lb.	.0780	.0825
Para-aminobenzoic, bbls., frt. all'd.	lb.	1.25	1.30
Peri, bbls.	lb.	.62	—
Perilla oil, dms.	lb.	.1110	.1150
Phenylacetic, bots.	lb.	2.00	3.25
Phosphoric, tech., 50%, cbys.	lb.	.08	—
75%, cbys.	lb.	.09	—
USP, 85%, s.g. 1.710, djns.	lb.	.14	.15
50%, s.g. 1.347, cbys., djns.,	lb.	.14	—
10%, dilut., cbys., djns.	lb.	.07	.07¼
Acid, picramic, kgs.	lb.	.65	.70
Picric, bbls., c.l.	lb.	.30	—
l.c.l.	lb.	.35	.40
Propionic, tech., cbys., dms.	lb.	.16	.20
Pyrogallic, cryst., cns.	lb.	1.55	1.65
resubl, cns.	lb.	1.90	2.00
Rapeseed oil, dms.	lb.	.12	.13
Ricinoleic, dms.	lb.	.20	.28
Salicylic, tech., bbls.	lb.	.40	—
USP, bbls.	lb.	.40	.45
Sardine oil, dms.	lb.	.09¼	.09½
Sebacic, tech., bbls., works	lb.	.58	—
Soybean oil, dms.	lb.	.09¾	.10¼
Stearic, distil., double pressed, bgs., delvd.	lb.	.08½	.09½
single pressed, bgs., delvd.	lb.	.08	.09
triple pressed, bgs., delvd.	lb.	.11¼	.12¼
saponif., double pressed, bgs., delvd.	lb.	.09	.10
triple pressed, bgs, delvd.	lb.	.11½	.12½
Succinic, bbls.	lb.	.75	—
Sulphanilic, CP, bots, works.	lb.	1.60	1.65
tech., dms., works	lb.	.18	.19
Sulphonaphthenic, dms.	lb.	.04	.10
Sulphuric, 60°, cbys., c.l., works,	100 lbs.	1.10	—
l.c.l., 25 and over, works,	100 lbs.	1.35	—
10 to 24, works	100 lbs.	1.50	—
5 to 9, works	100 lbs.	1.70	—
1 to 4, works	100 lbs.	2.65	—
tanks, works	ton.	11.00	—
66°, cbys., c.l., E works,	100 lbs.	1.35	—
mid-W works	100 lbs.	1.50	—
l.c.l., 25 and over, works,	100 lbs.	1.60	—
10 to 24, works	100 lbs.	1.75	—
5 to 9, works	100 lbs.	1.85	—
1 to 4, works	100 lbs.	2.90	—
truckloads, delvd	100 lbs.	1.60	—
tanks, works	ton.	15.50	—
96%, tanks, works	ton.	16.50	—
CP, cbys.	lb.	.06½	.07½
9-lb. bots.	lb.	.08½	.17½
fuming, 20%, tanks, works.	ton.	18.50	—
Sunflower seed oil, dms.	lb.	.16	.16¾
Tannic, tech., bbls.	lb.	.19	.25
USP, fluffy, bbls.	lb.	.83	.88
Tartaric, USP, dom., cryst., gran., powd., bbls.	lb.	.24	—
kgs.	lb.	.24½	—
Tobias, bbls.	lb.	.70	.72½
Trichloracetic, bots.	lb.	2.45	2.50
Tungstic, CP, kgs.	lb.	2.45	2.70
tech., kgs.	lb.	1.50	1.60
Aconite leaves, bls.	lb.	.22	.24
Root, bls.	lb.	.26	.27
Aconitine, amorph., vls.	oz.	17.00	—
cryst., vls.	oz.	30.00	—
Adeps lanae, anhyd., dms.	lb.	.17½	.19
hyd., dms.	lb.	.16	.18
Agar Agar, 1, bls.	lb.	.67	.68
2, bls.	lb.	.64	.65
3, bls.	lb.	.54	.55
Agaric, white, bls.	lb.	4.50	4.75
Albumen, blood, dark, flake, bgs., c.l., Chicago	lb.	.12	—
ton lots, Chicago	lb.	.13	—
less than ton, Chicago	lb.	.15	.17
powd., bgs., c.l., Chicago	lb.	.13	—
ton lots, Chicago	lb.	.15	—
less than ton, Chicago	lb.	.17	.20
light, dom., flake, grade 1, dms., Chicago	lb.	.50	.60
2, dms., Chicago	lb.	.45	.50
import, bgs.	lb.	.50	—
Egg, ed., dom., bbls.	lb.	1.05	—
import, cs.	lb.	.70	.81
Milk, grd., ska., c.l.	ton.	No stocks	
ungrd., ska., c.l.	ton.	No stocks	
Vegetable, ed., bbls., works	lb.	.65	.70
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., dlvd.	lb	.15	—
l.c.l., dlvd.	lb.	.157	—
tanks, dlvd.	lb.	.143	—
secondary, dms., c.l., f.o.b. dest.	lb.	.09½	—
l.c.l., frt. alld.	lb.	.10	—
tanks, frt. alld.	lb.	.08½	—
Benzyl, bots.	lb.	.65	1.20
Butyl, normal, dms., c.l., frt. alld.	lb.	.09½	—
l.c.l., frt. alld.	lb.	.10	—
tanks, frt. alld.	lb.	.08½	—
secondary, dms, c.l., f.o.b. dest.	lb.	.08¾	—
l.c.l., f.o.b. dest.	lb.	.09	—
tanks, f.o.b. dest.	lb.	.07½	—
tertiary, denating, dms, frt. alld.	lb.	.14	—
Caprvl, pure, dms., works	lb.	2.50	—
tech., dms., works	lb.	.85	—
Cetyl, dom., CP., fiber, etns, 1,000 lbs.	lb.	1.50	—
500 lbs.	lb.	1.70	—
100 lbs.	lb.	1.90	—
25 lbs.	lb.	1.90	—
5 lbs.	lb.	2.00	—
com'l, dms.	lb.	.93	—
import., 85%, dms., 100 lbs.	lb.	.85	—
5 to 10 lbs.	lb.	.75	—
com'l, dms., 360 lbs.	lb.	.40	—
Cinnamic, bots.	lb.	3.50	3.75

Denatured, CD5 revis.; 5A; 10, 188 pf., dealers, 54-gal. dm., dlvd. E. | gal. | .40 | —
5-gal. dm., dlvd. E. | gal. | .46 | —
1-gal. can. dlvd. E. | gal. | .51 | —

Prices for territories other than E. of Rockies 8c. per gal. higher. Authorized jobbers' discount 20%. Tankcar cales re-jobbers' discount 20%. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works	gal.	.34	—
l.c.l., 5 to 19, E. works	gal.	.40	—
1 to 4, E. works	gal.	.42	—
Alcohol, denat., SD1, 190 pf., dms., c.l., E. works	gal.	.33	—
f.o.b. W. points	gal.	.39	—
l.c.l., 20, E. works	gal.	.35	—
5 to 19, E. works	gal.	.39	—
1 to 4, E. works	gal.	.41	—
l.c.l., f.o.b. W. points,	gal.	.43	—
tanks, E. works	gal.	.28	—

Anhydrous, 5c. per gal. higher. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.

Special solvent, dms., c.l., E. works	gal.	.32	—
f.o.b. W points	gal.	.40	—
l.c.l., 10 to 71, f.o.b. W. points	gal.	.50	—
20, E. works	gal.	.34	—
8 to 19, E. works	gal.	.38	—
5 to 9, f.o.b. W. points,	gal.	.52	—
1 to 4, E. works	gal.	.40	—
f.o.b. W. points	gal.	.54	—
1 or more for paint mfrs. or jobbers, f.o.b. W. points	gal.	.44	—
tanks, E. works	gal.	.27	—
f.o.b. W. points	gal.	.35	—

Tankcar sales require written authorization by Alcohol Tax Unit. W. points are:—C.l. Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.

Dinostone, pure, contract, dms., c.l., frt. alld.	lb.	.18	—
l.c.l., frt. alld.	lb.	.18½	—
tech., contract, dms., c.l., frt. alld.	lb.	.17	—
l.c.l., frt. alld.	lb.	.17½	—
Ethyl, 190 pf., ex molasses, bbls., c.l.	gal.	4.13	—
l.c.l.	gal.	4.15	4.28
dms., c.l.	gal.	4.13	—
l.c.l.	gal.	4.14	4.24
tanks	gal.	4.07	—
absolute, dms.	gal.	4.84	6.06½

Grain alcohol 40c. per gal. higher.

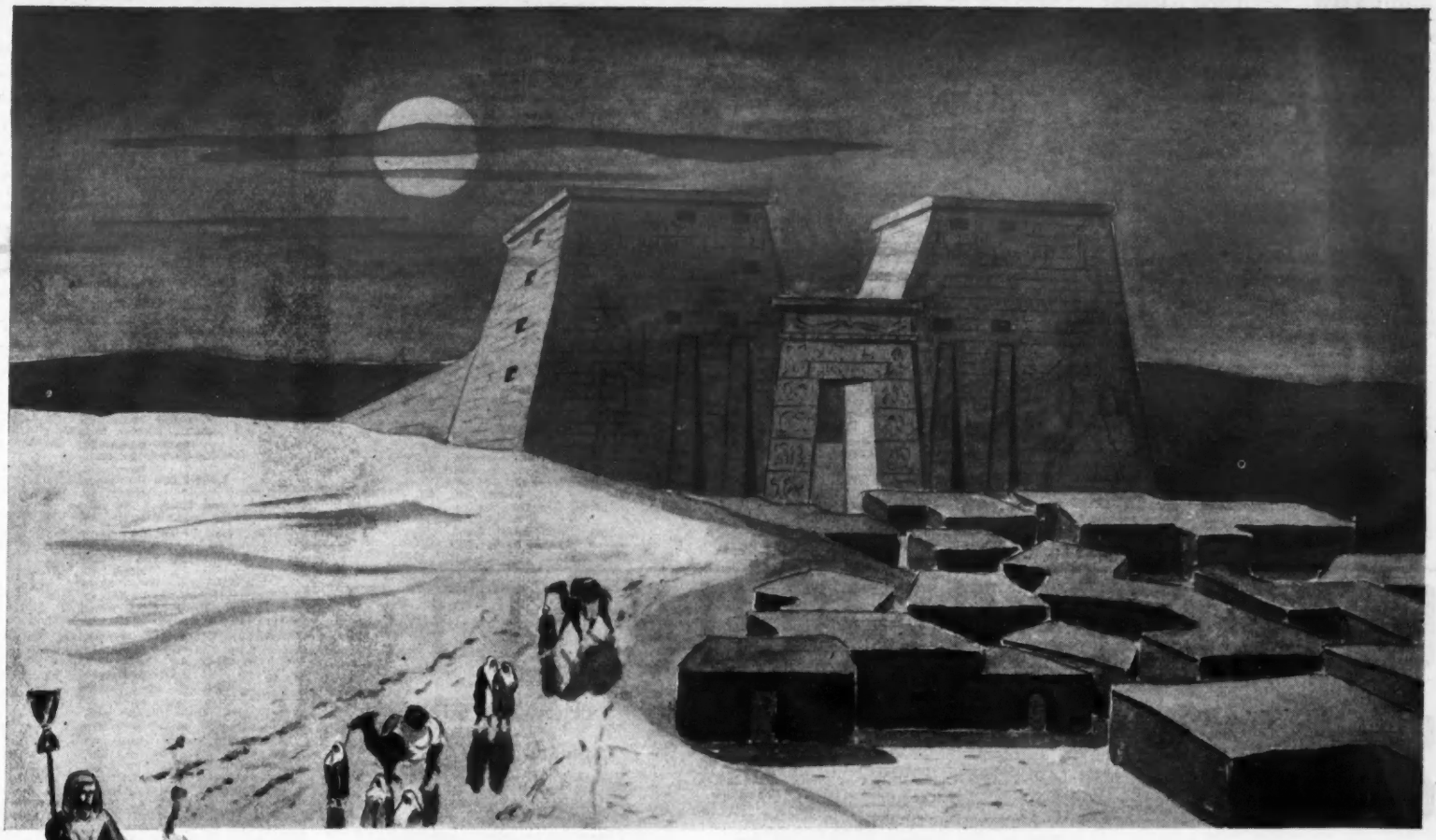
Hexyl, secondary, dms., c.l., f.o.b., dest.	lb.	.126	—
l.c.l., f.o.b. dest.	lb.	.13	—
tanks, f.o.b. dest.	lb.	.115	—
Isoamyl, primary, dms., l.c.l., dlvd.	lb.	.27	—
cans, works	lb.	.32	—
Isobutyl, refd., dms., c.l., works frt. alld. E. of Rockies.	lb.	.09½	—
l.c.l., same terms	lb.	.10	—
tanks, same terms	lb.	.08½	—
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing	gal.	.55	—
l.c.l., same terms	gal.	.60	.94
98%, dms., c.l., same terms	gal.	.70	—
l.c.l., same terms	gal.	.75	—
denat. grd., dms., c.l., frt. alld.	gal.	.32	—
l.c.l., ft. alld.	gal.	.42	—
Methyl (see Methanol)			
Phenylethyl, bots.	lb.	3.00	3.34
Propyl (see Isopropyl)			
Aldehol, denat. grade, dms., tanks, works	gal.	.70	.84
Aldol, 95%, dms., c.l., works	lb.	.21	—
l.c.l., works	lb.	.25	—
Aletris root, bgs.	lb.	.20	.21
Alizarin (see Red, alizarin)			
Alkanet root, bgs.	lb.	.10	.11
Aloe, Barbados, true, cs.	lb.	.35	.90
Cape, cs.	lb.	.15	.16
Curacao, cs.	lb.	.23	.24
gourds, bbls.	lb.	.50	.51
Socotrine, kgs.	lb.	.35	.80
Aloin, bbls., cns.	lb.	1.50	1.55
Alphanaphthol, bbls.	lb.	.60	.68
Alphanaphthylamine, bbls.	lb.	.33	.37
Althea root, cube cut, bls.	lb.	.26	.27
Alum, ammonia, burnt, USP, bbls.	lb.	.16	.17
gran., bbls., works	100 lbs.	2.75	3.00
dlvd. N.Y., Phila.	100 lbs.	2.90	—
lump, bbls., works	100 lbs.	2.00	3.20
dlvd. N.Y., Phila.	100 lbs.	3.15	—
powd., bbls., works	100 lbs.	3.15	3.40
dlvd. N.Y., Phila.	100 lbs.	3.30	—

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalised with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works	100 lbs.	3.00	3.25
dlvd. N.Y., Phila.	100 lbs.	3.15	—
lump, bbls., works	100 lbs.	3.25	3.50
dlvd. N.Y., Phila.	100 lbs.	3.40	—
powd., bbls., works	100 lbs.	3.40	3.65
dlvd. N.Y., Phila.	100 lbs.	3.55	—

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.	lb.	.07	.07¼
Soda, bbls., c.l., works	100 lbs.	3.25	—
l.c.l., dlvd.	100 lbs.	4.25	5.00
Alumina acetate, CP, 20% solut., bbls.	lb.	.09	.10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works	lb.	05	—
12,000 to 40,000 lbs, works	lb.	.06	—
1,100 to 11,000 lbs., works	lb.	.07	—
140 to 875 lbs., works	lb.	.08	—
100 lbs. or less, works	lb.	.09	—
cryst., com'l, dms., c.l., works	lb.	.06½	.07
solut., dms., works	lb.	.09	.09½



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EGYPTIAN priests of the Temple of Ammon-Ra in the heart of Libya, are credited with being the first chemists to serve what today is one of the most extensive and most important industries—the Textile Industry. These holy men prepared from the excrement of the thousands of camels and donkeys in the pilgrim trains going to the sacred temple, a powder which they called Salts of Ammon. This they sold to the bleachers of Thebes, makers of linens famous for their whiteness.

The efficacy of the "magic" powder was, of course, not due to the influence of the great god, Ammon-Ra, but to a compound which the French chemist, Berithollet, many years later produced from manure and named Ammonia.

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Acetone Pure . . . Acetic Anhydride . . . Acid Tannic . . . . Barium Sulphate . . . . Corrosive Sublimate . . . . Ether . . . . Iron Sulphate . . . . Potassium Carbonate . . Potassium Bichromate . . . Sodium Sulphite . . . Sodium Bromide . . . Zinc Chloride . . . etc.

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Alumina Hydr't.—Amyl Alcohol

Alumina hydrate, heavy, bbls., 20 and over, works..lb. .04 - —
less than 20, works.....lb. .04½- —
light, bbls., dlvd.....lb. .13 - —
Silicate, dms., contr.....lb. .10½- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .21 - —
smaller lots.....lb. .22 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .16 - —
l.c.l., ton.....lb. .19 - —
less than ton.....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.60
truckload, dlvd. met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.00 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - 2.80
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —

Alumina sulphate, iron free, bbls.:—
5 to 9, dlvd. met. N.Y. 100 lbs. 2.00 - —
1 to 4, dlvd. met., N.Y. 100 lbs. 2.50 - —
Aluminum, 98-99%, dms., c.l..lb. .19 - .19½
l.c.l. .....lb. .20 - .21
Powder, dry, lining, ext. fine, dms., 30,000 lbs., f.o.b. ship. pt. (see note below) .....lb. .90 - —
3,000-30,000 lbs., same basis..lb. .93 - —
1,000-3,000 lbs., same basis..lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .50 - —
3,000-30,000 lbs., same basis..lb. .53 - —
1,000-3,000 lbs., same basis..lb. .56 - —
less than 1,000 lbs., same basis..lb. .60 - —
litho. ext. brilnt., dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —

Aluminum, powder, dry, litho., standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
wallpaper, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .36 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilnt., dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —

Aluminum, powder, dry, varnish, ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs. same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine lining, dms., 30,000 lbs., same basis .....lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same basis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra, dms., 30,000 lbs., same basis.....lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
3,000-30,000 lbs., same basis..lb. .83 - —
1,000-3,000 lbs., same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —
ink, dms., 30,000 lbs., same basis .....lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lb. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste, c.l. prices, 2c. per lb. below 30,000-lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. not subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston, Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz. 22.00 - 35.00
Amidopyrene, cns.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.).works....lb. .04½- —
refrigeration, tanks, works..lb. .05½- —
pure, cyls., dlvd., met. N.Y. lb. .16 - .22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lb. .65 - .70
Aqua, 26°, cbys.....lb. .05½- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02¾- —
tanks (on NH_3 content)..lb. .05 - .05¼
tankwagons .....lb. .024 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd N.Y.....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .15 - .17
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .36
Carbonate, tech., dom., bbls.lb. .08 - .12½
imported, csks.....lb. .08 - .12½
USP, lump, bbls.....lb. .08 - .09
csks .....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12½- .13
Citrate, kgs.....lb. .80 - .86
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15
Iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 80%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., csks.....lb. .04 Nom.
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .21½
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP., kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Jun., dlvd. Ill., Ind.,Mich.,Ohio.ton.24.00 - —
f.o.b. cars, Atlantic, Gulf, ports..ton.26.00 - —
Birmingham, Ala., ovens..ton.26.00 - —
Northern ovens....ton.24.00 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.ton.25.00 - —
dbl bgs., export, f.a.s. N.Y. ton. No prices
import., bulk, c.i.f. Atlantic ports..ton.26.00 Nom.
bgs., c.i.f. Atlantic ports.ton.27.00 Nom.
Sulphide, liquid, dms.....lb. .15 - —
tanks .....lb. .12 - —
Sulphocyanide, kgs.....lb. .55 - —

Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls., c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - 5.75
import., gran., csks.....lb. .05¼- .06
lump, bbls.....lb. .10¼- .12
white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
import., csks.....100 lbs. 4.45 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .12 - .13
l.c.l., frt. alld.....lb. .12½- .13½
tanks, works.....lb. .11 - .12
ex pentane, dms., c.l., delvd. lb. .142 - —
l.c.l., delvd.....lb. .149 - —
tanks, delvd.....lb. .125 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., f.o.b. dest.....lb. .10 - —
tanks, f.o.b. dest.....lb. .08½- —
Alcohol (see Alcohol, amyl).

THE ENTIRE RANGE OF COAL TAR PRODUCTS

ACIDS
CRESYLIC ACID
HIGH BOILING TAR ACIDS
HIGH BOILING XYLENOLS
LOW BOILING XYLENOLS
META PARA CRESOL
ORTHO CRESOL
PHENOL
SYMMETRICAL XYLENOS
TAR ACID OILS (All Grades)
TECHNICAL CRESOL
U. S. P. CRESOL
U. S. P. PHENOL

CHEMICALS
ACENAPHTHENE
ANTHRACENE
CARBAZOLE
DIMETHYLNAPHTHALENE
FLUORENE
METHYLNAPTHALENE
RE-NAP NAPHTHALENE
PHENANTHRENE

SPECIAL PRODUCTS
CARBON COKE
COAL TAR PAINTS
FLOTATION OILS
FLOTATION REAGENTS
PICKLING INHIBITORS
PIPE COATING
REILLY CARBON
REILLY TRANSPARENT
PENETRATING CREOSOTE
ROOFING FELT, PITCH AND TAR
TRAFFIC MARKING PAINT
BITUVIA ROAD TAR

PITCH
BATTERY PITCH
BRIQUETTING PITCH
COAL TAR PITCH
CORE PITCH
PAVING PITCH
ROOFING PITCH
PITCH COKE
FUEL PITCH

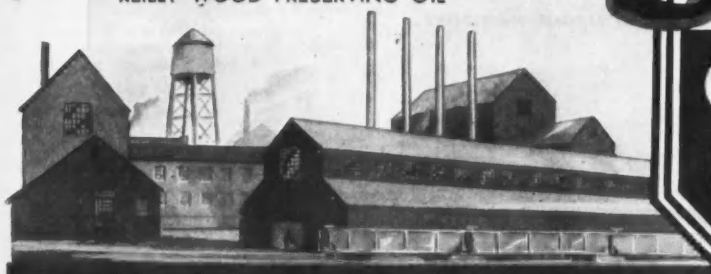
COAL TAR OILS
LIGHT OILS
NEUTRAL OIL
TAR ACID OILS
LAMP BLACK OIL
INSECTICIDE OIL
DORMANT SPRAY OIL
DISINFECTING OIL
BINDER TWINE OIL
SPECIAL DISTILLATES

TAR
COAL TAR
COKE OVEN TAR
FISH NET TAR
PIPE DIP TAR
REFINED COAL TAR
SATURATING TAR
WATER GAS TAR

CREOSOTE OILS
(ALL SPECIFICATIONS)
A. R. E. A. CREOSOTE OIL
A. W. P. A. CREOSOTE OIL
ANTHRACENE OIL
BRUSHING OIL
CHINCH BUG OIL
DEAD OIL
REILLY WOOD PRESERVING OIL

INDUR PLASTICS
INSULATING VARNISH
LAMINATING VARNISH
MOLDING POWDER
MOLDING RESIN

Reilly
COAL TAR PRODUCTS



REILLY TAR & CHEMICAL CORPORATION
Executive Offices: Merchants Bank Building, Indianapolis, Indiana
2513 SO. DAMEN AVENUE, CHICAGO, ILLINOIS 500 FIFTH AVENUE, NEW YORK, N. Y. ST. LOUIS PARK, MINNEAPOLIS, MINN.
FOURTEEN PLANTS TO SERVE YOU

Amyl, butyrate, bots.....lb. .90 - 1.00
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works. lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Salicylate, cns.....lb. .65 - 1.25
Amylene, dms., c.l.....lb. .102 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .09 - —
Anethol, bots.....lb. 1.05 - 1.10
Angelica root, dom., bls.....lb. .28 - .35
Import, natural, bls.....lb. .50 - .55
twisted, bls.....lb. .55 - .60
Angostura bark, bls.....lb. .35 - .40
Anilin oil, dms.....lb. .16½- .17½
tanks .....lb. .15 - —
Anise, Russian, bgs.....lb. .09 Nom.
Spanish, bgs .....lb. .09½- .10
Star, bgs.....lb. .13½- .14
Anisic aldehyde, bots.....lb. 2.15 - 3.00
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07 - .08
Anthraquinone, 99.5%, subl., bbls lb. .50 - .52
Antimony, butter (see Antimony chloride).
Chloride, solut., dom., cbys.lb. .13 - .17
import., cbys.....lb. .14½- —
Metal, dom.....lb. .12½- —
import. .....lb. .12½- —
Needle, powd., bbls.....lb. .11½- .12
Oxide, dom., bbls., c.l.....lb. .13¼- —
l.c.l. .....lb. .13½- —
imports, bbls.....lb. .13¾- —
Salts, 65 p.c., kgs.....lb. .22 - .25
Sulphuret, golden, bbls.....lb. .22 - .28
White pigment, bgs., Texas works, frt. alld. to ½c. lb. c.l..lb. .10½- .13¼
Antipyrene, cns., ton lots.....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, cns.....oz. 28.70 - 28.90
Archil extract, conc., bbls....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .19
Arecoline hydrobromide, bots., vls..oz. 5.50 - 5.75
Argols, crude, 80%, csks.....lb. .07 - .08
80-85%, csks.....lb. .14 - .15
Arnica flowers, bls.....lb. .24 - .25
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs—lb. .08½- .09
bbls. .....lb. .08¾- .09¼
Arsenic iodide (arsenous), bots., jars..lb. 5.15 - 5.20
Metal, lump, cs.....lb. .42 - .48
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs, c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
Japanese, cs.....lb. .03¾- .04½
Arsenous chloride, liq., bots..lb. 1.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .30 - .31
Asbestine (see Talc, N.Y. fibrous).
Asbestos fiber, 6M, bgs., c.l. (20 tons), Canad. mines..ton.37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b.N.Y.....lb. .02½- —
smaller lots, f.o.b.N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y.lb. .03½- —
smaller lots, f.o.b.N.Y..lb. .10½- —
California, dms., c.l., f.o.b.N.Y. ton.29.00 - —
l.c.l., f.o.b.N.Y.....ton.36.50 - —
Cuban, A., bgs., c.l., f.o.b.N.Y. ton.60.00 - —
l.c.l., f.o.b.N.Y.....ton.90.00 - —
B, bgs., c.l., f.o.b.N.Y....ton.35.00 - —
l.c.l., f.o.b.N.Y.....ton.55.00 - —
Egyptian, bgs, c.l., f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b.N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs, c.l., Colo. points.....ton.32.90 - —
seconds, bgs., c.l., Colo. points .....ton.25.50 - —
selects, bgs., c.l., Colo., Utah points..ton.30.50 - —
l.c.l., f.o.b. or N.J. or N.Y. whse..ton.49.50 - —
Maltha, dms., c.l., f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b.N.Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery..gal. .13 - —
dms., c.l., refinery.....gal. .12 - —
tanks, Calif., refinery...gal. .05102- —
East Coast, Ill., Ind. refinery..gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo. refinery.....gal. .07¼- —
Atropine alkaloid, vls.....oz. 5.25 - 5.50
Sulphate, vls.....oz. 2.25 - 2.65

B

Balm of Gilead buds, bgs....lb. .21 - .22
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .16 - .17
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90% grd., bgs., c.l., works. ton.42.00 - —
99% 200 mesh, bgs., c.l., works..ton.45.00 - —
precip., bgs.....ton.56.50 -61.50
Chlorate, kgs.....lb. .15½- .17¼
Chloride, CP., crystl., bbls...lb. .18 - .20
tech., dom., cryst., bbls.,bgs., c.l., works..ton.73.00 -74.00
l.c.l. delvd., N.Y...ton.86.00 -87.00
Barium dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .05¼- .07½
Iodide, bots .....lb. 4.40 - 4.45
Monoxide (see Oxide).
Nitrate, csks.....lb. .03½- —
Oxide, dms.....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .13 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston. ton.26.00 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85 - —

Barytes dom., floated, paper bags, l.c.l., ex car, Baltimore. ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.95 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.20 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines....ton.16.00 - —
German, grd., bbls., c.l., ex dock, t.a..ton.24.00 - —
l.c.l., ex whse.....ton.29.00 - —
ungrd., bulk, c.l., ex dock. ton.18.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 - —
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .70 - .75
Bayberry bark, bgs.....lb. .07¼- .08
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .11 - .12
Bentonite, 1, 96% 200 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92% 200 mesh, bgs., Wyo. works..ton.11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .62
USP, IX, dms.....lb. 1.10 - 1.20
USP, X, dms.....lb. 1.80 - 1.95
Benzene (see benzol)
Benzidin base, bbls.....lb. .72 - .74
Benzol, 90%, dms., works....gal. .22 - —
tanks, frt. alld. E. of Omaha, gal. .18 - —
nitration, dms, works.....gal. .24 - —
tanks, frt. alld. E. of Omaha, gal. .19 - —
pure, dms, works.....gal. .23 - —
tanks, frt. alld. E. of Omaha. gal. .18 - —
Benzol tank prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .45
Peroxide, cns, works.....lb. 1.85 - —
Benzyl acetate, f.f.c, bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins..lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidin acetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, bots.....lb.13.00 - —
Hydrochloride, bots.....lb.13.00 - —
Sulphate, bots.....lb.13.00 - —
Berberis root, bls.....lb. .09 - .10
Betanaphthol, sublm., bbls....lb. .55 - —
tech., bbls.....lb. .24 - .27
Benzoate, bxs., kgs.....lb. 2.25 - 2.50
Betanaphthylamine, tech., kgs.lb. .53 - .55
Beth root, bls.....lb. .10 - .11
Bismuth, chloride, bxs.....lb. 3.20 - 3.25
Citrate, USP, VIII, bxs.....lb. 2.65 - 2.70
Hydroxide, bxs.....lb. 3.15 - 3.20
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., jars.....lb. 1.20 - 1.25
Oxychloride, bxs.....lb. 2.95 - 3.00
Subbenzoate, bxs.....lb. 3.25 - 3.30
Subcarbonate, fib. dms.....lb. 1.40 - 1.45
X-ray, bots., fib. dms.....lb. 2.60 - 2.65
Subgallate, bbls.....lb. 1.50 - 1.55
Subiodide, bots.....lb. 3.88 - 3.93
Subnitrate, powd., bots., fib. dms..lb. 1.30 - 1.35
Subsalicylate, 62-66%, bbls...lb. 2.35 - 2.40
Sulphocarbolate, bots.....lb. 3.60 - 3.65
Trioxide, powd., bxs.....lb. 3.45 - 3.50
Bismuth-ammonia citrate, USP, powd., cns..lb. 3.30 - 3.35
Bismuth-betanaphthol, bxs....lb. 3.05 - 3.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. allds. E..lb. .09½- —
l.c.l., frt. allds. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. allds. E..lb. .08½- —
l.c.l., frt. allds. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. allds. E..lb. .07½- —
l.c.l., frt. allds. E.....lb. .08 - —
5, bbls., bgs., c.l., frt. allds. E..lb. .06½- —
l.c.l., frt. allds. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. allds. E..lb. .05½- —
l.c.l., frt. allds. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. allds. E..lb. .06 - —
l.c.l., frt. allds. E.....lb. .06½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd .....lb. .07½- —
ctns, l.c.l., dlvd.....lb. .06¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .06½- —
l.c.l., dlvd.....lb. .10¼- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs, c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd.....lb. .30 - —
cs., l.c.l., dlvd.....lb. .32 - —
5, bgs., c.l., works.....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .65 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs, c.l., delv'd rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports..lb. .0475 - —
50,000 lbs., dlvd. Zone C (Pac. Cst. States)..lb. .0490 - —
30,000 lbs., dlvd. Zone C (Pac. Cst. States)..lb. .0505 - —
c.l., dlvd. rail zone:—
D (Ill., Ia., Wis.)....lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)...lb. .0535 - —
G (Mexico).....lb. .0580 - —
c.l., dlvd. all zones.....lb. .07 - —
ctns., dlvd. all zones.....lb. .074- —
cs., dlvd. all zones.....lb. .084- —
export, full, compral., cs., f.a.s. Gulf ports..lb. .05½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07½- .08½
2, bbls., l.c.l., works.....lb. .07 - —
pure, bbls., works.....lb. .06¾- —
Ivory, genuine, bbls.....lb. .80 - .85
Lamp, dom., 1, ctns., c.l., works..lb .07 - —
l.c.l., works.....lb .08 - —
2, ctns., c.l., works.....lb .09 - —
l.c.l., works.....lb .10 - —

Black, lamp, dom, 2A, ctns, c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works .....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .06 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N.Y...lb. .14 - —
l.c., f.o.b. N. Y. ...lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y. ...lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04½- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .20 - .21
Tree bark, bls.....lb. .11 - .12
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l .....ton.65.00 -70.00
high grade precip., bgs, c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 2.50 - —
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 2.75 - 3.00
import, bgs., c.i.f. ports, June shipt..unit-ton. 2.60 - 2.75
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .12 - .13
Blue, alkali, toner, bbls., dlvd. N of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Celestial, bbls.....lb. .10 - .15
Chinese, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Ultramarine, dry, jobbing, bbls., works, frt. equald..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls, same basis.....lb. .17 - —
3, bbls., same basis.....lb. .18 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis. lb. .18 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls., same basis.....lb. .22 - —
5, bbls., same basis.....lb. .24 - —
6, bbls. same basis.....lb. .26 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .23 - —
4, bbls. same basis.....lb. .19 - —
Ultramarine blue dlvd ex whse. is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 25-lb. boxes, 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed unler Dyes.
Blue mass, USP., cns., kgs....lb. .89 - .91
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Copper Hill, Tenn. 100 lbs. 4.00 - —
16-25, same basis.100 lbs. 4.15 - —
6-15, same basis...100 lbs. 4.25 - —
3-5, same basis...100 lbs. 4.50 - —
1-2, same basis...100-lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .06 - .061
jobbers, E. of Rockies.lb. .06 - .061
l.c.l., dealers, E. of Rockies..lb. .09 - .092
jobbers, E. of Rockies.lb. .085 - .086
Blueflag root, bls.....lb. .12 - .14
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.21.00 -25.00
c.i.f. Atlantic ports..ton.27.00 -28.00
S.A., bgs., c.i.f., ports..ton.26.00 - —
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton.16.00 -17.00
import., 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.23.00 - —
Meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.18.00 -19.00
import, 100-lb. bgs., c.i.f. ports..ton.22.50 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.).
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00

Amyl Butyrate—Calcium Arsen.

Borax, tech, 99½%, powd., bbls., contracts, 80 tons min., dlvd. ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .08¼- .14¾
West .....lb. .09 - .11
jobbers, East.....lb. .08 - .14½
West .....lb. .08 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15¼
101 to 999 lbs.....lb. .09¾- .16¼
100 lbs. or less.....lb. .10¾- .17¼
West .....lb. .09¼- .11½
jobbers, East.....lb. .08¾- .14½
West .....lb. .08¼- .10½
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 99 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., c.l., works.lb. .26 - —
1,000 lbs., works.....lb. .28 - —
smaller lots, works.....lb. .43 - —
Bromoform, USP., jars.....lb. 1.75 - 1.90
Bronze powder, aluminum (See A).
Gold, ifthe, cns., dms., over 10 lbs..lb. .40 - .60
moulding, cns., dms., over 10 lbs..lb. .55 - .80
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., csks., f.o.b. N.Y. or works..lb. .12¼- —
Metallic, bbls., works.....lb. .02 - —
paper bgs., c.l., works. ....lb. .0185- —
Sienna, burnt, American, bbls., works..lb. .08 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08½- —
5, bbls., same basis.....lb. .06½- —
6, bbls., same basis.....lb. .06 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06¾- —
10, bbls., same basis.....lb. .06¼- —
11, bbls., same basis.....lb. .05¾- —
12, bbls., same basis.....lb. .05¼- —
13, bbls., same basis.....lb. .05¾- —
14, bbls., same basis.....lb. .05¼- —
raw, American, bbls., works.lb. .02¾- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12½- —
2, bbls., same basis.....lb. .10¾- —
3, bbls., same basis.....lb. .10¼- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis.....lb. .06¾- —
11, bbls., same basis.....lb. .04¾- —
Umber, American, bbls., works. lb. .03¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, cns.....oz. .13 - .15
Sulphate, cns.....oz. .09 - .10
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .50 - .52
Buckthorn bark, true, bls....lb. .04½- —
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd. E.....lb. .05 - —
import., stands.....lb. .11 - .13
Butanes, coml., 16-32°, tanks, group 3..gal. .02¾- .03¾
Butternut bark, bls.....lb. .06¾- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt. alld.lb. .10 - —
tanks, contract, frt. alld.lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08¼- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Alcohol (see Alcohol)
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol)
Lactate, dms.....lb. .23½- .29½
Propionate, dms., dlvd.....lb. .18 - .19½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .80 - .85

C

Cadmium bromide, bots., jars.lb. 1.84 - 1.90
Iodide, bots., jars.....lb. 3.75 - 3.80
Lithopone (see Yellow)
Metal, cs.....lb. 1.06
Red (see Red)
Sulphide (see Yellow)
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs.....lb. .40 - .45
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S..lb. .06½- —
dealers, E. of Rockies..lb. .06¾- —
South .....lb. .06¼- —
jobbers, E. of Rockies..lb. .06 - —
South .....lb. .06 - —
l.c.l., consumers, S.....lb. .07½- —
dealers, E. of Rockies, 1,000 lbs. or over..lb. .06¾- —
101 to 999 lbs.....lb. .07¾- —
100 lbs. or less.....lb. .08¾- —
South .....lb. .06¼- —
jobbers, E. of Rockies..lb. .06¾- —
South .....lb. .06¼- —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 99 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.

Calcium Bromide—Dyes, orange

Calcium bromide, jars.....lb. .40 - .42
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-80%, bgs., dms., c.l., divd. ton.22.00 -35.00
l.c.l., 1 ton or over, divd..100 lbs. 1.70 - 2.25
liquor, basis 60%, tanks, works ton. 7.50 - —
solid, dom., 76-78%, bgs., dms., c.l., divd..ton.30.00 -32.00
l.c.l., 1 ton or over, divd..100 lbs. 1.60 - 2.25
Gluconate, pharm., gran., powd., bbls. (125 lbs.)..lb. .50 - —
25 lbs.....lb. .57 - —
Glycerophosphate, bbls., kgs., 100 lbs..lb. 1.15 - —
Hypophosphite, ons.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.75
Lactate, USP, bbls.....lb. .25 - .26
Nitrate, bgs., to fert. mfrs., ex vessel..ton.24.25 -25.00
Palmitate, bbls.....lb. .21 - .22
Phosphate, dibasic, precip., 58-60% P_2O_5, c.l.f. Atlantic ports..unit-ton. .65 - —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
1 ton.....lb. .19 - —
smaller lots.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c. l., works..ton.52.00 - —
l.c.l. .....ton.56.00 - —
luminous, dom., tins, works, lb. .80 - —
Sulphocarbolate, cs .....lb. .47 - .48
Calendula flowers, bls.....lb. .65 - .70
Calomel, bxs., kgs.....lb. 1.06 - —
Camphor, natural, powd., cs...lb. .55 - .56
cubes, cs.....lb. .55 - .56
tablets, tins.....lb. .59 - .60
synthetic, dom., gran., powd., bbls.,2,000 lbs.....lb. .50½- —
500 lbs.....lb. .52½- —
100 lbs.....lb. .55½- —
tablets, cs, 2,000 lbs.....lb. .55 - —
500 lbs.....lb. .57 - —
100 lbs.....lb. .58 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs...lb. .06¼- .06½
Morocco, bgs.....lb. .07 - .07½
Turkish, bgs.....lb. .07½- Nom.
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .16 - .17
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.50 - 1.55
powd., bxs.....lb. 1.80 - 1.85
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .06¼- .06½
Carbazole, 70-90%, dms.....lb. .60 - —
90%, dms.....lb. .65 - —
95-100%, dms.....lb. .90 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 126-128°, dms., c.l., works..lb. .55 - —
l.c.l., works.....lb. .54 - —
tanks, works.....lb. .53 - —
Isopropyl, dms., works..lb. .60 - —
smaller lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, dms.....lb. .06¼- .06½
tanks .....lb. .04½- —
Dioxide, cyls.....lb. .08 - .09
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va.. lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08¼- —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08¼- —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2½c. lb higher.

Cardamom, bleached, cs.....lb. 1.05 - 1.25
decorticated, cs.....lb. .95 - 1.00
green, bgs.....lb. .72 - .75
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .13
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11½- —
lump, dms., l.c.l.....lb. .10½- —
40%, lump, dms. l.c.l .....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., divd.....lb. .15 - —
5 tons, works.....lb. .16 - —
smaller lots, works.....lb. .16½- —
80-100 mesh, bgs., c.l., divd.. lb. .15½- —
5 tons, works.....lb. .16½- —
smaller lots, works.....lb. .17 - —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd....lb. .15¼- —
80-100 mesh, bgs., c.l., duty pd..lb. .15½- —
French, 30 mesh, bgs., c.l., duty pd..lb. No prices.
Cassia, Batavia, 1, bgs.....lb. .14 - .14½
3, bls.....lb. .08 - .08½
short stick, bls.....lb. .12 - .12¾
China, rolls, select, cs.....lb. .05¾- .06¼
broken, extra, bls.....lb. .05¼- .05¾
Saigon, cs.....lb. .17½- .18½
Cassia buds, cs.....lb. .16½- .18½
Cassia fistula, bakts.....lb. .06½- .09
Castile soap, white, bars, cs., 40 lbs.39.00 - —
powd., bbls.....lb. .22 - .25
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor)
Pomace, dom., 5½% ammon., bgs., c.l., works.....ton.15.00 - —
Import, bgs., c.i.f. ports, shipment..ton. No prices.
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .18 - .18½
Indian, bgs.....lb. .12¾- .13¼
Celluloid scrap, amber, cs....lb. .13 - .14
black, mixed, cs., works..lb. .07 - .09
China white, ivory, cs., works. lb. .13 - —
dense white, cs., works....lb. .11 - .12
grey, cs., works.....lb. .09 - —
mixed, mottles, opaques, cs., works..lb. .06 - —
shell-demi, cs., works.....lb. .11 - .12
translucent pastels, cs., works. lb. .13 - .14
transparent, cs., works....lb. .13 - .14
colors, cs., works.....lb. .06 - —
Shavings, amber, cs., works.lb. .12 - —
colored, mixed, cs., works..lb. .09 - —
white, cs., works.....lb. .12 - —
Cellulose acetate, flake, cs., 2,000 lbs., works..lb. .55 - —
1,000 lbs., works.....lb. .56 - —
500 lbs., works.....lb. .57½- —
100 lbs., works.....lb. .60 - —
scrap, transparent, bgs, works lb. No stocks
Cement, white, bbls. (4 bags), 5 tons, divd. N.Y..bbl. 6.10 - —
truck divy.....bbl. 7.40 - —
less than 5 tons, truck divy. bbl. 8.00 - —
Cerium hydrate, dms., works..lb. .65 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk, precip., ext. light, csks., c.l..lb. .03 - .04
heavy, csks., c.l.....lb. .03 - .04
light, csks., c.l.....lb. .03 - .04
Chamomile flowers, Hungarian, genuine, cs..lb. .22 - .23
Roman, bls.....lb. .30 - .32
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., divd. Ala., Del., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va...ton.35.40 - —
Ariz., Utah.....ton.30.00 - —
Ark., Ill., Ind., Iowa, Kan., La., Minn., Mo., Neb., Okla., Wis. ton.23.00 - —
Colo. .....ton.28.00 - —
Conn., Me., Mass., N. H., R. I., Vt.....ton.25.80 - —
Mich., Ohio, Penn.ton.24.80 - —
N. D., S. D.....ton.26.00 - —
Texas .....ton.24.00 - —
El Paso.....ton.28.00 - —
l.c.l., works.....ton.18.00 - —
Willow, powd.,bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01625- —
tanks .....lb. .02 - —
powd., bgs., works.....lb. .04½- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float., 99.75% 800 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.00 -10.00
bulk, c.l., works..ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works..ton. 7.50 - —
l.c.l., works.....ton. 8.50 -10.00
wet-grd., silk-belt., 99.5% 325 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works. ton.10.50 - —
Import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.32.00 -35.00
powd., csks., l.c.l., ex dock ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .85 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .82 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., divd., N.Y..lb. .05¼- —
contracts, divd., N.Y...lb. .05¾- —
l.c.l., divd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 4 or over, wks., frt. equald.100 lbs. 2.30 - —
1-3, works, frt. equald.... 100 lbs. 2.55 - —
Chloroacetophenone,tins,works.lb. 2.00 - —
Chloroform, tech., 650-lb. drums. lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. tins.....lb. .23 - —
USP, 650-lb. dms.....lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
Chloropicrin, comml., cyls., works. lb. .20 - .90
Chrome acetate, bbls.....lb. .05 - .09
Cake, bulk., c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, bxs., ons., fib. dms..lb. .40 - .45
powd., bxs., cnt., fib. dms.lb. .45 - .50
scales, bxs., ons., fib. dms.lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, ons.....lb. 3.35 - 3.80
Cinchona bark, Dutch, chips, bgs. lb. .17 - .18
high test, bgs.....lb. .25 - .26
quills, broken, bgs.....lb. .17 - .18
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .16 - .17
Cinchonidine, cryst., powd., ons.oz. .50 - .57
Sulphate, ons.....oz. .47 - —
Cinchonine, cryst., powd., ons.oz. .50 - .52
Sulphate, ons.....oz. .54 - —
Cinchophen, USP., bbls.....lb. 2.64 - —
bxs., dms., kgs.....lb. 2.75 - 2.90
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f c., bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls.....lb. .15 - .15½
3, bls.....lb. .14½- .15
Citral, ons.....lb. 1.75 - 2.15
Citrine ointment, jars, tubes.lb. .97 - —
Citronellal, bots.....lb. 2.00 - 2.50
Citronellol, bots.....lb. 1.90 - 2.15
Clove, Madagascar, bls.....lb. .13½- .14
Zanzibar, bls.....lb. .14 - .14½
Clover tops, bls.....lb. .13 - .14
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
water-gas, crude, dms., c.l., works..dm. 6.75 - —
l.c.l., works.....dm. 7.50 - —
tanks, works.....gal. .07 - .09
refd., dms., c.l., works..dm. 7.25 - —
l.c.l., works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., divd....lb. .55 - .57
kgs., divd.....lb. .62 - —
Carbonate, tech., bbls., divd.lb. 1.35 - —
Chloride, dms., works.....lb. .64 - .69
Hydrate, bbls.....lb. 1.66 - 1.76
Linoleate, paste, dms.....lb. .80 - —
solid, 8½%, bbls.....lb. .81 Nom.
Oleate, bbls.....lb. .26 - —
Oxide, black, kgs.....lb. 1.41 - 1.51
Resinate, fused, A, bbls.....lb. .12¾- —
1%, bbls.....lb. .11¾- —
2%, bbls.....lb. .16 - .16½
3%, bbls.....lb. .17 - .17½
precip., dms., divd.....lb. .80 - —
Sulphate, dms.....lb. .51 - .53
Cocaine hydrochloride, ons....oz. 9.75 -10.00
Cochineal, gray, bgs.....lb. .82 - .86
Teneriffe, silver, bgs.....lb. .92 - .97
Cocillana bark, bgs.....lb. .24 - .25
Cocoa butter, lump, bgs., c.l..lb. .15 - .15¼
Codeine, ons., 100 ons.....oz.11.70 -12.45
Hydrochloride, ons., 100 ons..oz.10.80 -10.65
Phosphate, ons., 100 ons.....oz. 9.00 - 9.05
Sulphate, ons., 100 ons.....oz. 9.50 - 9.55
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .97 - .97½
Blue, root, bls.....lb. .06 - .06½
Colchicine, vls.....oz.24.00 -25.00
Colchicum seed, bgs.....lb. .36 - .37
Collodion, USP, dms.....lb. .12 - .13
Flexible, USP, dms.....lb. .14 - .15
Colocynth pulp, bls.....lb. .55 - .60
Colombo root, bls.....lb. .11 - .12
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .09 - .10
Conium leaves, bls.....lb. .14 - .15
Copaiba balsam, Para, cns.....lb. .18 - .20
S.A., USP, cns.....lb. .20 - .23
Copper carbonate, 52-59%, bbls.lb. .14½- .16¼
18-20%, bbls.....lb. .07 - .08
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .27 - .29
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .09½- —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works. lb. .14½- —
smaller lots, works.....lb. .15 - —
Red, com'l, 50-75%, bgs., c.l., f.o.b. N.Y..lb. .14 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Resinate, precip., bbls.....lb. .18 - .19
Stearate, precip., bbls.....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.. 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.40 - —
1-4, works.....100 lbs. 1.50 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs, Pacific Coast.....lb. .0230- .0240
Coriander seed, Morocco, bgs..lb. .06 - .06½
bleached, bgs.....lb. .07½- .08
Russian, bgs.....lb. .06 - .06½
Corn sugar, tanner's, bbls., divd. 100 lbs. 3.28 - —
ex whse.....100 lbs. 3.18 - —
Syrup, 42°, bbls.....100 lbs. 3.20 - —
43°, bbls.....100 lbs. 3.30 - —
Cornsilk, bls.....lb. .07½- .08
Corrosive sublimate, bxs., fib. dms., kgs..lb. .81 - .86
Cottonroot bark, bls.....lb. .11½- .12
Cottonseed hull ash, 25-30% pot-ash, bulk, divd..unit-ton. 1.00 - —
Coumarin, cns.....lb. 3.10 - 3.25
Cramp bark, genuine, bls.....lb. .20 - .21
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .10 - .11
Cream tartar, cryst., bbls....lb. .17½- .17½
kgs. .....lb. .17¾- .18
gran., bbls.....lb. .16¾- .17¼
kgs. .....lb. .17¼- .17¾
powd., bbls.....lb. .16¾- .17¼
kgs. .....lb. .17¼- .17¾
Creosote, wood, beech., bots..lb. .70 - .75
pine, dms.....gal. .26 - —
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, I, tanks, works.gal. .12½- .13½
II (coaltar solution), tanks, works..gal. .109 - .12
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP., dms.....lb. .10 - .10½
Crotonaldehyde, tech., dms., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto..lb. .33¼- —
1 ton, same basis.....lb. .35 - —
1,000 lbs., same basis.lb. .36 - —
1 bbl., same basis.....lb. .38 - —
4% rotenone, bbls., 5 tons, same basis..lb. .28¼- —
1 ton, same basis.....lb. .30 - —
1,000 lbs., same basis.lb. .31 - —
1 bbl., same basis.....lb. .33 - —
5% rotenone, bbls., 5 tons, same basis..lb. .24¼- —
1 ton, same basis.....lb. .26 - —
1,000 lbs, same basis.lb. .27 - —
1 bbl., same basis.....lb. .29 - —
Cubeb berries, XX, bgs.....lb. .37 - .38
powd., cs.....lb. .40 - .41
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs....lb. .11 - .11½
Indian, bgs.....lb. .11 - .11½
Morocco, bgs.....lb. .11¼ Nom.
Cutch, Philippine, bls., c.l....lb. .06 - —
Cyanamid, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, divd.interior,NH_3 unit. 1.07½- —
Atlantic ports,NH_3 unit. 1.00 - —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls..lb. .18 - .19
Deertongue leaves, bls.....lb. .10 - .12
Degras, common, dom., bbls., c.l., works..lb. .06¼- .05¾
l.c.l., works.....lb. .05¾- .06
English, bbls.....lb. .04¾- .05¼
Japanese, bbls.....lb. .06¾- .07
neutral, dom., bbls.....lb. .08¼- .10½
English, bbls.....lb. .09 - .09½
Derris root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto. .....lb. .43 - —
1 ton, same basis.....lb. .44 - —
1,000 lbs., same basis.lb. .46 - —
1 bbl., same basis.....lb. .49 - —
4% rotenone, bbls., 5 tons, same basis..lb. .37 - —
1 ton, same basis.....lb. .38 - —
1,000 lbs., same basis.lb. .40 - —
1 bbl., same basis.....lb. .42 - —
3% rotenone, bbls., 5 tons, same basis..lb. .33 - —
1 ton, same basis.....lb. .33 - —
1,000 lbs., same basis.lb. .35 - —
1 bbl., same basis.....lb. .37 - —
Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs. 3.90 - —
l.c.l., f.o.b. Chicago.100 lbs. 4.20 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.65 - —
l.c.l., f.o.b. Chicago.100 lbs. 3.85 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 3.60 - —
l.c.l., f.o.b. Chicago.100 lbs. 3.80 - —
Potato, import., bgs.....lb. .07¾- .09¾
Tapioca ,bgs., ex whse.....lb. .06 - —
Diamyl ether, dms., c.l., works. lb. .095 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Phthalate, dms., c.l., divd..lb. .19 - —
l.c.l., divd.....lb. .19½- —
5-gal. dms., works.....lb. .22 - —
tanks, divd.....lb. .18 - —
Sulphide, dms., l.c.l., works.lb. 1.10 - —
Diamylamine, dms., l.c.l., works. lb. 1.00 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .100 - —
tanks, works.....lb. .095 - —
Dianisidin, bbls.....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific est., works. ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 -150.00
import., bgs., c.l., f.o.b. N.Y. ton.40.00 - —
Dibutyl phthalate, dms.....lb. .18 - .18½
Tartrate, dom., dms.....lb. .35 - .40
import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Dichloropentanes, dms., c.l., works..lb. .032 - —
l.c.l., works.....lb. .04 - —
tanks, works.....lb. .025 - —
Diethanolamine, dms.....lb. .31 - .35
Diethyl carbonate, comml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol)
Phthalate, dms., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
tanks .....lb. .17½- —
Diethylaniliin, dms.....lb. .52 - .54
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .16½- —
l.c.l., works.....lb. .17½- —
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Digitalis leaves, dms.....lb. .25 - .26
Digiycol oleate, light, bbls....lb. .24 - —
Dill seed, dewhiskered, polished, bgs..lb. .06¾- .07
recleaned, bgs.....lb. .05¾- .06
Dimethyl phthalate, dms.....lb. .19½- .20
Dimethylaniliin, dms.....lb. .29 - .30
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .17 - .17½
purified, bbls.....lb. .19 - .19½
Dinitrochlorobenzene, bbls....lb. .14½- .15½
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .15½- .16¼
oily, dms.....lb. .06½- .10
Diorthotoluolguanidin, dms., 2,000 lbs. or over, divd.....lb. .44 - —
600-1,950 lbs., divd.....lb. .46 - —
150-450 lbs., divd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works..lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .21 - .22
Diphenylguanidin, dms., 2,000 lbs. or over, divd..lb. .35 - —
600-1,950 lbs., divd.....lb. .36 - —
150-450 lbs., divd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.35.00 - —
Extract, 25% tan., bbls.....lb. .05 - .05½
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .04 - .05
Jamaica, bls.....lb. .06½- .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .82 - .85
reeds, thin, cs.....lb. .95 - 1.00
Duboisine sulphate, vls.....oz.84.50 -85.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .80 - 1.00
53 Victoria violet.....lb. .90 - 1.00
165 Lake red C.....lb. 1.15 - 1.25
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189a Lake red R, powdered..lb. 2.00 - 2.10
202 Chrome blue black U..lb. .22 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 1.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .80 - .90
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .80 - .85
307 Fast cyanin black B...lb. .80 - .85
326 Direct fast scarlet.....lb. 2.00 - 2.25
364 Paper yellow.....lb. .82 - .90
365 Chrysophenin G.....lb. .68 - .70
394 Direct violet N.....lb. 1.25 - 1.50
862 Direct scarlet B.....lb. 1.50 - 1.75
887 Direct violet B.....lb. 1.00 - 1.20
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .90
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black PF...lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .30
582 Direct black RX.....lb. .35 - .45
598 Direct green B.....lb. .75 - .90
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin (water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L.....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .34
Sulphur tan.....lb. .20 - .30
Sulphur yellow.....lb. .20 - .30
Zambesi black.....lb. .25 - .30
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 5c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lk. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —

Dyes, coaltar for general uses (numbers are those of Colour Index scale).

Red:—
- 73 Sudan II.....lb. 1.00 - —
- 256 Sudan IV.....lb. .95 - —
- 749 Rhodamine B (oil pink) lb. 2.50 - —

Violet:—
- 1060 Anthroquinone violet base..lb. 6.00 - —
- 680 Oil violet.....lb. .50 - —

Yellow:—
- 15 Amidoazobenzene yellow..lb. .90 - —
- 17 Amidoazotoluene yellow..lb. .75 - —
- 61 Yellow OB.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—
- 864 Nigrosin .....lb. .40 - —

Blue:—
- 729 Victoria blue.....lb. 2.55 - —
- 860 Indulin .....lb. .70 - —

Brown:—
- 331 Bismarck brown.....lb. 1.50 - —

Green:—
- 657 Malachite green base.lb. 2.00 - —

Orange:—
- 20 Chrysoidin G.....lb. .95 - —
- 21 Chrysoidin R.....lb. .95 - —

Red:—
- 677 Fuchsin, magenta base. lb. 7.25 - —
- 749 Rhodamine B.....lb. 4.75 - —

Yellow:—
- 17 Amidoazotoluene yellow..lb. .75 - —
- 655 Auramine .....lb. 2.00 - —
- 800 Chinolin yellow SS..lb. 3.00 - —

Violet:—
- 680 Methyl violet.....lb. 1.80 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—
- 246 Naphthol blue black S. lb. .50 - —
- 865 Nigrosin .....lb. .36 - —
- 573 Methylene gray.....lb. 1.50 - —

Blue:—
- 714 Patent blue A.....lb. 1.60 - —
- 729 Victoria blue B.....lb. 2.00 - —
- 861 Indulin .....lb. .87 - —
- 909 New blue R.....lb. 1.30 - —
- 922 Methylene blue.....lb. 1.00 - —
- 1054 Alizarin saphirol B..lb. 1.90 - —
- 1180 Indigotin IA.....lb. .85 - —

Brown:—
- 234 Resorcin brown Y...lb. .65 - —
- 235 Resorcin dark brown R. lb. .66 - —
- 331 Bismarck brown G..lb. .52 - —
- 332 Bismarck brown R..lb. .57 - —
- 788 Phosphin .....lb. 4.65 - —

Green:—
- 5 Naphthol green B...lb. 1.00 - —
- 657 Malachite green.....lb. 1.85 - —
- 662 Brilliant green.....lb. 2.00 - —
- 666 Guinea green B.....lb. 1.15 - —
- 737 Wool green S.....lb. .58 - —
- 924 Methylene green B..lb. 1.35 - —
- 1078 Alizarin cyanin green. lb. 2.25 - —

Orange:—
- 20 Chrysoidin G.....lb. .40 - —
- 21 Chrysoidin R.....lb. .37 - —
- 27 Orange G.....lb. .50 - —
- 151 Orange Y.....lb. .50 - —
- 161 Orange R.....lb. .34 - —

Red:—
- 81 Amidonaphthol red G. lb. .42 - —
- 87 Amidonaphthol red 6B. lb. .52 - —
- 79 Ponceau R.....lb. .42 - —
- 88 Fast red B.....lb. 1.05 - —
- 176 Fast red A.....lb. .54 - —
- 179 Azorubin .....lb. .52 - —
- 183 Crocein scarlet 3BX.lb. .60 - —
- 185 Cochineal red A....lb. .60 - —
- 252 Brilliant crocein M.lb. .62 - —
- 677 Fuchsin .....lb. 1.90 - —
- 749 Rhodamine B.....lb. 3.50 - —
- 752 Rhodamine 6G.....lb. 4.50 - —
- 768 Eosin G.....lb. 1.50 - —
- 941 Safranin .....lb. 1.45 - —

Violet:—
- 680 Methyl violet B.....lb. .52 - —
- 681 Crystal violet C.....lb. 1.75 - —
- 695 Acid violet 4BN.....lb. .88 - —

Yellow:—
- 10 Naphthol yellow S..lb. .33 - —
- 133 Metanil yellow.....lb. .53 - —
- 636 Fast light yellow...lb. 1.25 - —
- 639 Xylene light yellow.lb. 1.15 - —
- 640 Tartrazin .....lb. .50 - —
- 655 Auramine .....lb. 1.37 - —

Dyes, natural (see name of article).

E

- Echinacea root, bls.....lb. .16 - .17
- Egg albumen (see Albumen)
- Yolk, dom., cs.....lb. .62 Nom.
- import, cs.....lb. .49 - .51
- Elder flowers, bright, bls.....lb. .16 - .17
- dark, bls.....lb. .15 - .16
- Elecampane root, bls.....lb. .08 - .09
- Elm bark, grinding, bls.....lb. .09 - .10
- powd., bbls., bxs.....lb. .15 - .16
- select, bndls., cs.....lb. .17 - .18
- Emetine hydrochloride, bots., vls. oz.15.00 -15.25
- Ephedra, bls.....lb. .06 - .07
- Ephedrine, tins, 100 oss.....oz. 1.00 - —
- Hydrochloride, tins, 100 oss..oz. 1.00 - —
- Sulphate, cryst., tins, 100 oss.oz. 1.00 - —
- powd., tins, 100 oss.....oz. 1.05 - —
- Epsom salt, tech., bgs.....100 lbs. 1.70 - —
- bbls.....100 lbs. 1.90 - —
- USP, cryst., dgs., bgs., c.l. 100 lbs. 1.90 - —
- bbls., c.l.....100 lbs. 2.00 - —
- l.c.l. .....100 lbs. 2.25 - 2.60
- import, bgs .....100 lbs. 2.00 - —
- dried, dom., bgs., l.c.l...lb. .06 - .08
- Ergot, USP, cs.....lb. 2.00 - 2.25
- Esenine, bots., vls.....oz.42.00 -42.25
- Salicylate, bots., vls.....oz.29.00 -30.25
- Sulphate, bots., vls.....oz.30.00 -30.25
- Ether, acetic, dms.....lb. .10 - .11
- Ethyl (see Ether, sulphuric)
- Nitrous, conc., bots.....lb. .75 - .77
- Sulphuric, conc., dms.....lb. .09 - —
- synth., dms., c.l., works...lb. .08 - —
- l.c.l., works.....lb. .09 - —
- USP, anesthesia, dms.....lb. .26 - .27
- USP, 1900, dms.....lb. .29 - .60
- washed, dms.....lb. .27 - .29
- Ethyl acetate, dms., c.l., frt. alld. lb. .07 - —
- l.c.l., frt. alld.....lb. .07½- —
- tanks, frt. alld.....lb. .06 - —
- anhyd., dms., c.l., frt. alld.lb. .08 - —
- l.c.l., frt. alld.....lb. .08½- —
- tanks, frt. alld.....lb. .07 - —
- Bromide, tech., dms.....lb. .59 - .65
- Caproate, cns.....lb. 1.00 - —
- Chloride, dms.....lb. .22 - .24
- Cinnamate, bots.....lb. 3.40 - 4.00
- Crotonate, dms., works.....lb. 1.00 - 1.25
- Formate, dms.....lb. .27 - .28
- Iodide, bots.....lb. 5.50 - 5.60
- Lactate, 55-gal. dms., works..lb. .33 - —
- 5-gal. dms., works.....lb. .36 - —
- Oxalate, dms.....lb. .30 - .34
- Ethylbenzylaniline, dms.....lb. .88 - .90
- Ethylene bromide, dms.....lb. .65 - .70
- Dichloride, dms., dlvd.....lb. .05½- .0994
- Ethyleneglycol, dms., c.l.....lb. .17 - —
- l.c.l. .....lb. .18 - .21
- tanks .....lb. .16 - —
- Monobutylether, dms., c.l., works lb. .30 - —
- l.c.l., works.....lb. .31 - .34
- tanks, works.....lb. .19 - —
- Monoethylether, dms., c.l., works lb. .16 - —
- l.c.l., works.....lb. .17 - —
- tanks, works.....lb. .15 - —
- Monoethylether acetate, dms., c.l., works..lb. .14 - —
- l.c.l., works.....lb. .15 - —
- tanks, works.....lb. .13 - —
- Monomethylether, dms., c.l., works..lb. .19 - —
- l.c.l., works.....lb. .20 - .22
- tanks, works.....lb. .18 - —
- Ethylidinaniline, dms.....lb. .45 - .47½
- Ethylmethyl ketone, dms., c.l., frt. pd..lb. .07½- —
- l.c.l., frt. pd.....lb. .08 - —
- tanks, frt. pd.....lb. .06½- —
- Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
- Ethylparatoluenesulphonamide, bbls..lb. .60 - —
- Eucalyptol, cns.....lb. .51 - .52
- Eucalyptus leaves, bls.....lb. .05 - .05½
- Eugenol, cns.....lb. 1.75 - 2.25
- Euphorbia, bls.....lb. .06 - .06½

F

- Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
- glass, 20 mesh, bulk, works.ton.11.00 -12.25
- pottery, bulk, Me. works...ton.17.00 -19.00
- N.C. works.....ton.17.00 -19.00
- Fennel seed, French type, bgs, lb. .08½ Nom.
- German, large, bgs.....lb. .18 - .19
- small, bgs.....lb. .12 - .13
- Fenugreek seed, bgs.....lb. .04½- .05
- Ferric sulphate, dms., works.ton.85.00 -40.00
- Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½- .15
- smaller lots, E. works. lb. .13½- .16
- light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
- smaller lots, E. works.lb. .15 - .16
- water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .18
- smaller lots, E. works.lb. .16 - .19
- Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
- Fir balsam, Canada, cns....gal. 9.00 -10.00
- Oregon, bbls.....gal. .50 - 1.60
- Fish berries, bgs.....lb. .09 - .10
- Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 2.50 & .10 Nom.
- grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.41.00 - —
- wet, acidulated, 6-7% ammon., 2-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton. 2.00 & .50 Nom.
- sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports...unit-ton. 3.10 & .10 Nom.
- Japanese, 11½% ammon., bgs., c.i.f. ports, July shipt..ton.36.00 - —
- Flake white, bbls., kgs.....lb. .06¾- .10¾
- Fleaseed, French, black, bgs..lb. .09 - .09½
- Indian, blonde, bgs.....lb. .07 - .07½
- Fluorspar, enamel, 96-98%, bgs.. ton.30.00 -35.00
- standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton.18.00 - —
- import., bulk, Atlantic ports, duty-paid..ton.21.25 -21.75
- lump., 85 and 5%, dom., bulk, f.o.b. Ill., KY., mines..ton.20.00 - —
- powd., 97%, import., bgs., Atlantic ports, duty paid..ton.31.00 -32.00
- Formaldehyde, bbls., c.l., works. lb. .06 - —
- l.c.l., works.....lb. .06½- .07
- Fringetree bark, bls.....lb. .10 - .11
- Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.19.00 - —
- import., bgs., c.l., ex dock..ton.22.00 - —
- l.c.l., ex whse.....ton.30.00 - —
- Furfural, refd., dms., c.l., works lb. .15 - —
- l.c.l., works.....lb. .17½- .20
- tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
- c.l., works.....lb. .12½- —
- Fusel oil, refd., dms. incl., dlvd. lb. .16 - .18
- Fustic extract, cryst., bbls...lb. .20 - .22
- liquid, bbls.....lb. .06½- .08
- solid, dms.....lb. .16 - .18

G

- G salt, bbls.....lb. .45 - .47
- Galangal root, bls.....lb. .08 - .09
- Gall extract, bbls.....lb. .12 - .20
- Gambier, common, bgs.....lb. .06¾ Nom.
- plantation, bgs.....lb. .09 Nom.
- Cubes, Singapore, bgs.....lb. .07 - .09½
- Extract, bbls .....lb. .09 - .10
- Gasoline, at refinery:—
- Bayonne, US motor, 62-63 octane, tanks..gal. .06¾- —
- 65 octane, tanks.....gal. .07 - —
- above 65 octane, tanks.gal. .07¾- —
- California, 56-58, 375 e.p., tanks..gal. .05 - —
- Gulf Coast, US motor, bulk, export..gal. .05½- —
- 60-62, 300 e.p., bulk, export. gal. .05½- —
- 60-62, 400 e.p., bulk, export. gal. .05¾- —
- 64-66, 375 e.p., bulk, export. gal. .05¾- —
- Louisiana-Arkansas, US motor, tanks..gal. .04½- .04¾
- 58-60, 450 e.p., tanks...gal. .04¾- .04½
- 64-66, 375 e.p., tanks...gal. .05¾- .05¾
- 66-70, 350 e.p., tanks...gal. .04¾- .04¾
- Gasoline, at refinery, Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04½- .04¾
- 63-67 octane, tanks.....gal. .05½- .05¾
- 68-70 octane, tanks.....gal. .05¾- .06¼
- 60-62, 400 e.p., tanks...gal. .04¾- .05
- 64-66, 375 e.p., tanks...gal. .05¾- .05½
- natural, 12-lb. v.p., tanks, gal. .05½- .05¾
- 14-lb. v.p., tanks.....gal. .04¾- .05
- 18-lb. v.p., tanks.....gal. .02¾- —
- 22-lb. v.p., tanks.....gal. .02¾- —
- 26-70-lb. v.p., tanks...gal. .02½- .02¾
- Pennsylvania, US motor, naphtha gal. .05½- —
- 52-54, 450 e.p., naphtha, tanks..gal. .05¾- —
- 60-62, 400 e.p., strt. run, tanks..gal. .06 - —
- tankwagon and service station (Federal and State taxes included):—

	T.W.	S.S.
Atlanta .....gal.	.206	.235
Boston .....gal.	.13	.15
Chicago .....gal.	.155	.175
Cincinnati .....gal.	.175	.195
Denver .....gal.	.19	.21
Louisville .....gal.	.19	.21
Minneapolis .....gal.	.164	.184
New Orleans.....gal.	.185	.22
New York.....gal.	.165	.192
San Francisco.....gal.	.17	.19

- Gelatin, silver, cs.....lb. .50 - .55
- Gelsemium root, bls.....lb. .12 - .13
- Gentian root, bls.....lb. .09 - .10
- grd., bbls., bxs.....lb. .12 - .13
- powd., bbls., bxs.....lb. .13 - .14
- Geraniol, cns.....lb. .75 - 3.00
- Geranyl acetate, bots.....lb. 1.75 - 2.50
- Ginger root, African, bgs.....lb. .14 - .14½
- Cochin, lemon, bgs.....lb. .16½- .17
- Jamaica, bold, bgs.....lb. .18 - .18½
- grinding, bright, bgs.....lb. .12¾- .18¼
- medium, bold, bgs.....lb. .18½- .14
- Ginseng fibers, cs.....lb. 1.75 - 2.00
- Root, cultivated, cs.....lb. 2.00 - 4.00
- wild, Southern, cs.....lb. 6.00 - 7.00
- Glauber's salt, anhyd. (see Soda sulphate).
- cryst., dom., bgs., 5 tons or over..100 lbs. .85 - —
- smaller lots.....100 lbs. 1.00 - —
- bbls., 5 tons or over..... 100 lbs. .95 - —
- smaller lots.....100 lbs. 1.10 - —
- import., bgs.....100 lbs. 1.06 - 1.35
- Glue, bone, calcimine type, 24 millipoise, 26 jelly-grams, bgs., c.l., dlvd..lb. .11 - —
- l.c.l., dlvd.....lb. .11¼- —
- 28/58, bgs., c.l., dlvd.....lb. .11½- —
- l.c.l., dlvd.....lb. .12 - —
- 38/82, bgs., c.l., dlvd.....lb. .12½- —
- l.c.l., dlvd.....lb. .13 - —
- 48/108, bgs., c.l., dlvd....lb. .13 - —
- l.c.l., dlvd.....lb. .13¼- —
- Hide, calcimine type, 52 millipoise, 125 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .13½- —
- l.c.l., same basis.....lb. .14 - —
- 60/164, bgs., c.l., same basis.lb. .14 - —
- l.c.l., same basis.....lb. .14½- —
- 67/192, bgs., c.l., same basis.lb. .15 - —
- l.c.l., same basis.....lb. .15½- —
- 75/222, bgs., c.l., same basis.lb. .16 - —
- l.c.l., same basis.....lb. .16½- —
- 88/251, bgs., c.l., same basis.lb. .17 - —
- l.c.l., same basis.....lb. .17½- —
- 92/263, bgs., c.l., same basis.lb. .18 - —
- l.c.l., same basis.....lb. .18½- —
- 102/816, bgs., c.l., same basis lb. .18½- —
- l.c.l., same basis.....lb. .19 - —
- 112/847, bgs., c.l., same basis lb. .19½- —
- l.c.l., same basis.....lb. .20 - —
- 125/879, bgs, c.l., same basis lb. .20½- —
- l.c.l., same basis.....lb. .21 - —
- Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
- Glycerin, C. P., cns., l.c.l.....lb. .16¼- .17½
- dms., extra, c.l.....lb. .14½- —
- l.c.l. .....lb. .15 - —
- dynamite, dms., extra, c.l....lb. .14½- —
- l.c.l. .....lb. .15 - —
- saponification, basis 88%, dms. returnable, dlvd..lb. .11¾- .12¾
- soaplye, basis 80%, dms. returnable, dlvd..lb. .10¼- .10¾
- yellow, distilled, dms. extra, c.l. lb. .14¾- —
- l.c.l. .....lb. .14¾- —
- Glycol boriborate, dms.....lb. .22 - —
- Pathalate, dms.....lb. .29 - —
- Stearate, dms.....lb. .28 - —
- Gold, U.S. purchase price.....oz.35.00 - —
- Chloride, acid, brown, bots...oz.21.75 -22.00
- yellow, bots.....oz.19.75 -20.00
- Gold-soda chloride, photo., bots. oz.13.00 - —
- USP IX, bots.....oz.14.50 -14.75
- Gold of pleasure seed, bgs....lb. .14 - .14½
- Golden seal root, bls.....lb. 2.35 - 2.40
- powd., bxs.....lb. 2.55 - 2.60
- Grains of paradise, bgs.....lb. .09 - .09½
- Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .05 - —
- bbls., c.l., works.....lb. .05½- —
- l.c.l., works.....lb. .06½- —
- powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
- bbls., c.l., works.....lb. .03¾- —
- l.c.l., works.....lb. .03¼- —
- 80% graphitic carbon, bgs., c.l., works..lb. .03½- —
- bbls., c.l., works.....lb. .03¾- —
- l.c.l., works.....lb. .04½- —
- Grease, house, trcs.....lb. .03¾- .03¾
- white, trcs.....lb. .04¾- .06
- yellow, trcs.....lb. .03¾- 03¾
- Wool (see Adeps lanae and Degras)
- Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
- 6-10%, bbls., same basis.lb. .21 - —
- 11-15%, bbls., same basis.lb. .22 - —
- 16-20%, bbls., same basis.lb. .22½- —
- 21-25%, bbls., same basis.lb. .23 - —
- 26-30%, bbls., same basis.lb. .23½- —
- 31-35%, bbls., same basis.lb. .24½- —
- 36-40%, bbls., same basis.lb. .26 - —
- 41-45%, bbls., same basis.lb. .27½- —
- 46-50%, bbls., same basis.lb. .29 - —
- over 50%, bbls., same basis lb. .30 - —
- Chrome and chrome oxide greens prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.). Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.

Dyes, Red—Gum, Copal

- Green, chrome reduced, C.P. color content up to 5%, bbls, same basis..lb. .05¾- —
- 6-10%, bbls., same basis.lb. .06½- —
- 11-15%, bbls., same basis.lb. .07 - —
- 14-16%, bbls., same basis.lb. .07¼- —
- 17-19%, bbls., same basis.lb. .07½- —
- 20-21%, bbls., same basis.lb. .07¾- —
- 22-23%, bbls., same basis.lb. .08 - —
- 24-25%, bbls., same basis.lb. .08¼- —
- 26-27%, bbls., same basis.lb. .08½- —
- 28-29%, bbls., same basis.lb. .09 - —
- 30-31%, bbls., same basis.lb. .09¼- —
- 32-33%, bbls., same basis.lb. .11 - —
- 34-35%, bbls., same basis.lb. .13 - —
- 36-40%, bbls., same basis.lb. .14 - —
- 41-45%, bbls., same basis.lb. .16 - —
- 46-50%, bbls., same basis.lb. .16½- —
- 51-55%, bbls., same basis.lb. .17 - —
- 56-60%, bbls., same basis.lb. .17½- —
- 61-65%, bbls., same basis.lb. .18 - —
- 66-70%, bbls., same basis.lb. .19 - —
- 71-75%, bbls., same basis.lb. .20 - —
- Chrome oxide, dom., pure, bbls., contract or open order, same basis as chrome C.P..lb. .17 - .19½
- ceramic, light shades, bbls., c.l., works..lb. .20 - —
- l.c.l., works.....lb. .28 - —
- standard grade, bbls., works..lb. .22 - —
- import, bbls., kgs., f.o.b. N. Y..lb. .21 - —
- Paris (see P)
- Verdigris (see V)
- Green dyes are listed under Dyes.
- Grindelia robusta, bls.....lb. .09½- .10
- Guaiac resin, cs.....lb. .85 - .90
- strained, cs.....lb. .95 - 1.00
- Wood, bls.....lb. .04 - .05
- Guaiacol, liq., djns.....lb. 1.65 - 1.90
- Carbonate, bxs., kgs.....lb. 2.15 - 2.40
- Guarana, powd., cs.....lb. .65 - .70
- Gum, aloe (see A)
- Ammoniac, tears, cs.....lb. .80 - .85
- Arabic, lump, amber sorts, cleaned, bgs..lb. .09 - .09½
- white, sorts, 1, bgs.....lb. .25 - .27
- 2, bgs.....lb. .24 - .26
- powd., bbls.....lb. .13 - .14
- Asafetida (see A)
- Asphaltum (see A)
- Benzoin, Siam, cs.....lb. 1.15 - 1.25
- Sumatra, cs.....lb. .17 - .18
- Camphor (see C)
- Chicle, bgs.....lb. No prices
- Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran..lb. .40¾- —
- Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ½c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
- 2, cloudy white, bgs., c.l., same basis..lb. .27¾- —
- 3, selected pale straw bold, bgs., c.l., same basis..lb. .19½- —
- 4, pale bold straw, bgs., c.l., same basis..lb. .18½- —
- 5, pale straw bold, bgs., c.l., same basis..lb. .14¾- —
- 6, pale amber bold, bgs. c.l., same basis..lb. .12¾- —
- 7, pale straw bold, bgs., c.l., same basis..lb. .14¾- —
- 8, light amber bold, bgs., c.l., same basis..lb. .11¼- —
- 9, medium light amber bold, bgs., c.l., same basis..lb. .09 - —
- 10, rescraped hard amber bold, bgs., c.l., same basis lb. .11¼- —
- 11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —
- 12, selected bold sorts, bgs., c.l., same basis..lb. .09¾- —
- 13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
- 14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .19½- —
- 15, ordinary ivory sorts, bgs., c.l., same basis..lb. .07¾- —
- 16, inferior ivory sorts, bgs., c.l., same basis..lb. .06¾- —
- 17, pale fingers, bgs., c.l., same basis..lb. .10¾- —
- 18, pale straw nubs, bgs., c.l., same basis..lb. .12 - —
- 19, pale straw nubs, bgs., c.l., same basis..lb. .11 - —
- 20, hard dark amber nubs, bgs, c.l., same basis..lb. .06½- —
- 21, ordinary selected nubs, c.l., same basis..lb. .05¾- —
- 22, small mixed nubs, bgs., c.l., same basis..lb. .05¾- —
- 23, dark mixed nubs, bgs., c.l., same basis..lb. .06¾- —
- 24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .12¾- —
- 25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .06¼- —
- 26, pale bold chips, bgs., c.l., same basis..lb. .06¼- —
- 27, pale small chips, bgs., c.l., same basis..lb. .05½- —
- 28, pale dust, bgs., c.l., bgs., same basis..lb. .04¾- —
- East India, Batu, bold, scraped, bgs., c.l., same basis..lb. .05½- —
- unscraped, bgs., c.l., same basis..lb. .04 - —
- chips, bgs., c.l., same basis lb. .03½- —
- dust, bgs., c.l., same basis..lb. .03¾- —
- nubs and chips, bgs., c.l., same basis..lb. .03¾- —
- black, bold, scraped, bgs., c.l., same basis..lb. .07¾- —
- unscraped, bgs., c.l., same basis..lb. .04½- —
- nubs and chips, bgs., c.l., same basis..lb. .04½- —
- Hiroe Macassar, pale, bold, bgs, c.l., same basis..lb. .12½- —
- chips, bgs., c.l., same basis..lb. .04½- —
- dust, bgs., c.l., same basis lb. .03¾- —
- nubs, bgs., c.l., same basis..lb. .11¼- —
- Singapore Rasak, bold, bgs., c.l., same basis..lb. .12½- —
- chips, bgs., c.l., same basis lb. .04½- —
- dust, bgs., c.l., same basis..lb. .03¾- —
- nubs, bgs., c.l., same basis..lb. .10¾- —

Gum, Copal—Lead, Red

Gum, copal, Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .18½- —
Loba A, bskts., c.l., same basis lb. .13 - —
B, bskts., c.l., same basis..lb. .10½- —
C, bskts., c.l., same basis..lb. .09½- —
CNE, bskts., c.l., same basis..lb. .09¾- —
D, bskts., c.l., same basis..lb. .09½- —
DK, bskts., c.l., same basis lb. .07 - —
DU, bskts., c.l., same basis lb. .08¾- —
dust, bskts., c.l., same basis. lb. .05½- —
Sumbas and white split chips, bskts., c.l., same basis..lb. .12½- —
Singapore, dust, bskts., c.l., same basis..lb. .05½- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .06½- —
DBB, bskts., c.l., same basis lb. .08 - —
MA, bskts., c.l., same basis. lb. .06¾- —
MB, bskts., c.l., same basis.. lb. .06½- —
WS, bskts., c.l., same basis.. lb. .09½- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .07½- —
chips, pale, bskts., c.l., same basis..lb. .08½- —
small, bskts., c.l., same basis lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs, bskts., c.l., same basis.. lb. .10½- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05½- —
Pontianak, bold, genuine, bgs., c.l., same basis..lb. .14½- —
mixed, bgs., c.l., same basis lb. .13½- —
chips, bgs., c.l., same basis..lb. .07½- —
nubs, bgs., c.l., same basis..lb. .10½- —
split, bgs., c.l., same basis..lb. .12½- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .21¾- —
A/D, cs., c.l., same basis..lb. .15¾- —
A/E, cs., c.l., same basis..lb. .13½- —
B, cs., c.l., same basis...lb. .20¾- —
C, cs., c.l., same basis...lb. .16¾- —
D, cs., c.l., same basis...lb. .14½- —
dust, cs., c.l., same basis..lb. .06½- —
E, cs., c.l., same basis...lb. .09¾- —
F, cs., c.l., same basis...lb. .06¾- —
Singapore 1, cs., c.l., same basis lb. .16¼- —
2, cs., c.l., same basis...lb. .13¾- —
3, cs., c.l., same basis...lb. .05½- —
chips, cs., c.l., same basis..lb. .09¾- —
dust, cs., c.l., same basis..lb. .05½- —
seeds, cs., c.l., same basis..lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., 75,000 lbs. or over, dlvd..lb. .07⅞- —
10,000-74,999 lbs., dlvd..lb. .07⅞- —
3,000-9,999 lbs., dlvd....lb. .08½- —
less than 3,000 lbs., dlvd..lb. .08½- —
Euphorbium, cs.....lb. .16 - .20
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls.....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, XXX, bbls., bxs., dms. lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Gum, kauri, brown, XXX, cs., c.l., same basis as copal. lb. .60 - —
BX, cs., c.l., same basis..lb. .53 - —
B1, cs., c.l., same basis..lb. .19 - —
B2, cs., c.l., same basis..lb. .14½- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .06½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis...lb. .40 - —
2, cs., c.l., same basis...lb. .22 - —
3, cs., c.l., same basis...lb. .15 - —
Kino, tins.....lb. .70 - .80
Mastic, cs., c.l., same basis as copal..lb. .60 - —
Myrrh, USP, cs.....lb. .35 - .40
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs.....lb. .12 - .23
Opium (see O)
Rosin (see R)
Sandarac, cake., c.l., same basis as copal..lb. .26¼- —
Scammony, cs.....lb. 1.15 - 1.25
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs.....lb. .11½- .13½
Talha, bgs.....lb. .05 - .06
Thus, bbls.....280 lbs. 11.00 - —
strained, bbls.....280 lbs. 11.00 - —
Tragacanth, Aleppo, 1, cs....lb. 1.25 - 1.30
2, cs.....lb. 1.15 - 1.20
3, cs.....lb. 1.00 - 1.05
4, cs.....lb. .90 - .95
5, cs.....lb. .80 - .85
6, bgs.....lb. .21 - .25
sorts, bgs.....lb. .30 - .35
Yucca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis..lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton. 21.15 - —
Medicine Lodge, Kans., frt. equald..ton. 17.00 - —
New Brighton, N. Y., frt. equald..ton. 27.15 - —
Southard, Okla., frt. equald..ton. 17.00 - —
Sweetwater, Tex., frt. equald..ton. 21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton. 12.50 - —
Blue Rapids, Kans., frt. equald..ton. 12.50 - —
New Brighton, N. Y., frt. equald..ton. 15.70 - —
Southard, Okla., frt. equald..ton. 12.50 - —
Sweetwater, Tex., frt. equald..ton. 12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton. 12.00 - —
import., bgs., ex dock....ton. 27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.20
Hellebore, white, root, powd., bbls. lb. .10½- 11
Helonias root, bls.....lb. .36 - .38
Hematine crystals, bbls.....lb. .16 - .24
Hemlock extract, 25% tan., bbls. lb. .08½- —
tanks.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .02¼- .02¾
Henbane leaves, bls.....lb. .22 - .23
Henna leaves, bls.....lb. .07 - .08
powd., bbls, bxs.....lb. .09 - .10
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .15 - —
tanks, Group 3.....gal. .09 - —
normal, 86-100°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10 - —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .15 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .12 - —
laboratory grade, dms., c.l., Group 3..gal. .19 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms..lb. .35 - .37
USP, dms., 1,000 lbs.....lb. .46 - .47
Hexyl acetate, dms., c.l., f.o.b. dest..lb. .125 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Homatropine hydrobromide, bots., vls..oz. 13.00 - 13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.40 - —
Hops, dom., 1934 crop, bls.....lb. .09 - .11
1935 crop, bls.....lb. .13 - .16
import., 1934 crop, bls.....lb. .45 - .62
1935 crop, bls.....lb. .55 - .85
Horehound, bls.....lb. .06½- .07
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, vls.....oz. 11.00 - 11.50
Hydrochloride, vls.....oz. 11.00 - 11.50
Sulphate, vls.....oz. 13.00 - 13.50
Hydrastis (see Golden seal).
Hydrogen peroxide, USP, bbls. lb. .03¾- .04
100 vols., cbys., E of Miss. R. lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyosine hydrobromide, vls.....oz. 18.00 - 18.25
Hyoscyamine, vls.....oz. 15.00 - —
Hydrobromide, vls.....oz. 15.00 - —
Sulphate, vls.....oz. 15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs.....lb. .17 - .20

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.20
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .13 - .14
powd., bbls.....lb. 1.00 - —
Indol, CP, bots.....lb. 34.00 - 36.00
Insect flowers (see Pyrethrum).
Iodine, crude, kgs.....lb. .90 - —
resubl., kgs.....lb. 1.50 - 1.55
tincture, bbls.....gal. 1.90 - —
Iodoform, kgs., 100 lbs.....lb. 3.75 - 3.80
Ionone, bots.....lb. 3.25 - 4.00
Ipecac root, bgs.....lb. .90 - 1.05
powd., bxs.....lb. 1.05 - 1.15
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .22 - .30
prime, bleached, bls.....lb. .18 - .19
Iron acetate, CP, 17% solut., bbls. lb. .03 - .04
Chloride, tech., cryst., bbls., kgs..lb. .05 - .08
USP, cryst., bbls.....lb. .07½- .08
solut., cbys.....lb. .06¼- .06½
Citrate, USP VIII, pearls, cns., lb. .72 - —
powd., cns.....lb. .84 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 2.90
syrup, djns.....lb. .37 - .38
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - .50
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns. lb. .54 - —
scales, cns.....lb. .59 - —
Ferrous, cns.....lb. .35 - —
Pyrophosphate, pearls, cns...lb. .59 - —
scales, cns.....lb. .64 - —
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04¼- .04½
Iron-ammonia citrate, brown, gran., cns..lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
green, gran., cns.....lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
Oxalate, cryst., bbls., kgs...lb. .34½- .35½
Iron-potash oxalate, cryst., bbls., kgs..lb. .42 - .43
Iron-soda oxalate, cryst., bbls., kgs..lb. .34½- .35½
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .42 - —
small lots, works.....lb. .58 - —
Isopropanal, see Alcohol, Isopropyl.
Isopropyl acetate, dms., c.l., frt. alld..lb. .07 - —
..c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .17 - .20
powd., bbls., bxs.....lb. .21 - .24
Juniper berries, bgs.....lb. .04¾- .06½

K

Kamala, tins.....lb. .24 - .25
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .04½- —
Gulf ports, p.w., bulk, export, gal. .03½- —
w.w., bulk, export.....gal. .04½- .04¼
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03¾- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04¼- .04⅜
42-44 w.w., tanks.....gal. .04⅜- .04½
Pennsylvania, 45 w.w., tanks, gal. .05½- —
46 w.w., tanks.....gal. .05⅝- —
tankwagon:—
Atlanta.....gal. .135 - —
Boston.....gal. .075 - —
Chicago.....gal. .066 - —
Cincinnati.....gal. .125 - —
Denver.....gal. .11 - —
Louisville.....gal. .10 - —
Minneapolis.....gal. .102 - —
New Orleans.....gal. .12 - —
New York.....gal. .07¼- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .05½- .06

L

Lady slipper root, bls.....lb. .32 - .35
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 10.25 - 10.50
Middlewestern, trcs...100 lbs. 10.10 - 10.20
Western, choice, trcs..100 lbs. 10.20 - 10.30
compound, trcs.....100 lbs. 10.50 - 10.75
neutral, trcs.....100 lbs. 11.00 - 11.25
Larkspur seed, bgs.....lb. .20 - .23
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .05 - .05½
Lavender flowers, ordinary, bls. lb. .50 - .53
select, bls.....lb. .85 - 1.10
Lead acetate, brown, broken, bbls. lb. .09¼- —
white, broken, bbls.....lb. .11 - —
cryst, bbls.....lb. .10½- —
gran., bbls.....lb. .11 - —
powd., bbls.....lb. .11¼- —
Arsenate, dms., c.l., dealers, E. of Rockies..lb. .09¼- —
jobbers, E. of Rockies..lb. .09 - —
W. of Rockies.....lb. .09 - —
l.c.l., consumers, W. of Rockies..lb. .10¾- —
dealers, E of Rockies, 1,000 lbs. or over..lb. .09¾- —
101-999 lbs.....lb. .10¾- —
100 lbs. or less.....lb. .11¼- —
W. of Rockies.....lb. .09¾- —
jobbers, E. of Rockies..lb. .09¾- —

Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., cl., dlvd. E.....lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
l.c.l., dlvd. E.....lb. .06¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. .49 - .50
Iodide, jars.....lb. 2.35 - 2.40
Linoleate, pale, precip., dms. lb. .18 - —
Metal (see daily quotations in market report)
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls. c. l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0725- —
other points.....lb. .0710- —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. .07¼- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash..lb. .08¼- —
Colo., Mont., N. Mex., Wyo.....lb. .06 - —
other points.....lb. .07½- —
smaller lots, dlvd. Ala., etc..lb. .06¼- —
Ariz., etc.....lb. .06¾- —
Colo., etc.....lb. .08¼- —
other points.....lb. .08 - —
97% Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc. lb. .0760- —
other points.....lb. .0735- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08 - —
Ariz., etc.....lb. .08¼- —
Colo., etc.....lb. .08¼- —
other points.....lb. .07¾- —
smaller lots, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¼- —

LET'S TALK IT OVER

DEEP ROCK enjoys the implicit faith and preference of industry because its complete line of quality industrial lubricants and naphthas is unfailingly uniform . . . and because DEEP ROCK is a dependable source of supply.

Write the DEEP ROCK division source of supply nearest you for prices, samples, or information.

LACQUER DILUENTS • V. M. & P. NAPHTHA • NAPOLEUM SPIRITS • STODDARD SOLVENT

RUBBER SOLVENT • MINERAL SEAL OIL • KEROSENE • INDUSTRIAL LUBRICANTS

DEEP ROCK OIL CORPORATION

GENERAL SALES OFFICE: 155 NORTH CLARK STREET, CHICAGO

Decatur Des Moines Milwaukee Minneapolis Oklahoma City Omaha St. Louis Tulsa

Refinery: Cushing, Oklahoma

Lead, red, dry, 98% Pb_3O_4, bbls., c.l. (20 ton), dlvd. Ala., etc..lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd. Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
in oil, steel kgs., 1,000 lbs. lb. .10½- —
500 lbs.....lb. .11 - —
smaller lots.....lb. .12 - —
Resinate, fused, bbls.....lb. .09 - .10
precip., bbls.....lb. .14 - —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white)
Titanate, bbls., c.l., f.o.b. St. Louis, frt. paid E. of Rockies or f.o.b. Pac. Cst. terminal..lb. .10 - —
l.c.l., f.o.b. St. Louis or f.o.b. whses., frt or ctge paid E. of Rockies..lb. .10¼- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .06¾- —
other points.....lb. .06¼- —
l.c.l. dlvd. Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
Basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .06¼- —
other points.....lb. .06 - —
l.c.l. dlvd. Ariz., etc.lb. .06½- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .10 - —
500 lbs., dlvd.....lb. .10½- —
smaller lots, dlvd.....lb. .11½- —

Lemon peel, bls.....lb. .09 - .10

Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .28

Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .17 - .19

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefronte, Pa....ton. 7.00 - —
Berkeley, W. Va....ton. 7.00 - —
California, northern..ton. 12.25 - —
southern .....ton. 11.25 - —
Cedar Hollow, Pa....ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 7.00 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —

hydrated, paper bgs., f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkeley, W. Va....ton. 8.50 - —
Buffalo .....ton. 11.00 - —
California, northern.ton. 14.75 - —
southern .....ton. 13.75 - —
Cedar Hallow, Pa....ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton. 12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind.....ton. 12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton. 12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 8.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton 8.50 - —

spray, paper bgs. f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 11.00 - —
Marble Cliff, Ohio...ton. 11.00 - —
Marblehead, Ohio....ton. 11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Woodville, Ohio.....ton. 11.00 - —

Salts (see Calcium)

Lime-sulphur, dry, bgs., consumer, dlvd. Ore..lb. .06¼- .06½
Idaho, Utah, and W. Mont..lb. .07¼- .07½
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties)..lb. .06½- .06¾
dealers, dlvd. E. of Rockies, except Fla..lb. .07¾- .08¼
Ore. .....lb. .06¾- —
Idaho, etc.....lb. .06¾- —
Wash. (as above)...lb. .06 - —
jobbers, dlvd. E. of Rockies, except Fla..lb. .07¼- .08¼
Ore. .....lb. .06½- —
Idaho, etc.....lb. .06½- —
Wash. (as above)...lb. .06¾- —
dms., dealers, dlvd. E. of Rockies, except Fla..lb. .11 - .12
Fla. .....100 lbs. 1.90 - 2.00
jobbers, dlvd. E. of Rockies, except Fla..lb. .10¼- —

Lime, sulphur, solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N.E. States, N. J., N. Y., N. C. (Allegheny, Ashe, Rockingham, Stokes and Surry counties), Ohio, Pa., Tenn. (W. of Term. R.), Va., W. Va., Wis. gal. .12 - .16
jobbers, same basis...gal. .12¼- .15
tanks, 4,000 gals. min., dealers, dlvd. Del., etc..gal. .11 - —
jobbers, same basis...gal. .10½- —
Linalool, cns.....lb. 1.90 - 2.15
Linalyl acetate, bots.....lb. 1.50 - 2.25
Linden flowers, with leaves, bls. lb. .16 - .17
without leaves, bls.....lb. .18 - .19
Linseed cake, bgs., export....ton. 21.50 - —
Meal, 32%, dom., bgs.....ton. 30.50- —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0635- —
other points.....lb. .0610- —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .06¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06½- —
smaller lots, dlvd., Ala., etc..lb. .07¼- —
Ariz., etc.....lb. .07¾- —
Colo., etc.....lb. .07½- —
other points.....lb. .07 - —
Lithium bromide, jars.....lb. 1.70 - 1.75
Carbonate, bbls.....lb. 1.25 - 1.30
Chloride, bbls.....lb. 1.65 - 2.00
Citrate, bbls.....lb. 1.40 - 1.50
Fluoride bbls.....lb. 2.00 - 2.50
Iodide, bots., jars.....lb. 4.70 - 4.75
Lithopone, dom., high-strength, bgs., 5 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis.lb. .06¼- —
smaller lots, same basis.lb. .06½- —
ordinary, bgs., 5 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 5 tons, same basis.lb. .04¾- —
smaller lots, same basis.lb. .05 - —
titanated, bgs., 5 tons, same basis..lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis..lb. .06¼- —
smaller lots, same basis.lb. .06½- —
import., bbls., ex dock.....lb. No prices
Liverwort leaves, bls.....lb. .19 - .20
Lobelia herb, bls.....lb. .12 - .13
Seed, bgs.....lb. .33 - .36
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .06½- .10¼
solid, bxs.....lb. .12½- .17¼
Sticks, Haitian, shipt.....ton. 24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import. bls.....lb. .26 - .35
Lupulin, N.F., dom., old crop, tins..lb. 1.50 - —
new crop, tins.....lb. 3.00 - —
import., tins.....lb. No stocks
Lycopodium, cs.....lb. 1.20 - 1.30

M

Mace, Banda, cs.....lb. .60 - .63
Batavia, cs.....lb. .45 - .46
Siauw 1, cs.....lb. .58 - .60
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia arsenate bgs.....lb. .18 - .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b Plymouth Meeting, Pa., frt. alld. to Balto Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .28 - —
1-lb. pkgs., same basis.lb. .35 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis..lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis. lb. .27 - —
super light, bbls., same basis..lb. .30 - —
import., heavy, pharm., bbls. lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .09 - .09¼
USP, bbls., c.l.....lb. .09¼- .09
Chloride, flake, dom., bbls., works..ton. 36.00 -39.00
Hypophosphite, cns.....lb. 1.45 - 1.50
Oxide (see Calcined)
Palmitate, bbls.....lb. .23 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.05
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l....lb .20 - —
1 ton..... lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
smaller lots.....lb. .23 - —
Sulphate (see Epsom salt)
Magnesite, calc., import., bbls. ton. 60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewehah, Wash...ton. 22.00 - —
Malva flowers, black, bls.....lb. .38 - .40
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .12 - .13
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .09½- .10
Manganese acetate, dms.....lb. .25½- .26½
Arsenate, bgs.....lb. .12 - .12½
Borate tech bbls.....lb. .15 - .16
Chloride bbls.....lb. .07½- .08
Dioxide Caucasian, 85-90%, cake, c.l., works..ton. 51.50 - —
l.c.l., 5 tons, works..ton. 54.50 - —
smaller lots, works.ton. 59.50 - —
burlap bgs., c.l., works.ton. 49.50 - —
l.c.l., 5 tons, works..ton. 52.50 - —
smaller lots, works.ton. 57.50 - —
paper bgs., c.l., works.ton. 47.50 - —
l.c.l., 5 tons, works.ton. 50.50 - —
smaller lots, works.ton. 55.50 - —
Manganese, glycerophosphate, bbls., cans., 100 lbs..lb. 2.60 - 2.65
Hydrate, bbls., dlvd.....lb. .30 - —
Iodide, bots., jars.....lb. 5.10 - 5.15
Linoleate, liquid, 4%, dms...lb. .18 - .20½
solid, precip., 8.2%, bbls...lb. .17½- .19
Ore, 52% basis, bbls., c.i.f. Atl. pts..unit-ton. .26 - .27
Resinate, fused, 5½%, bbls..lb. .06¼- .06½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works.lb. .07 - .07½
cryst., 65% $MnSO_4$, bbls., c.l., dlvd. South.....ton. 48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .06½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipmt, ton. 27.00 - —
Extract, 50%, bgs.....lb. .04 - —
Manna, flake, large, cs.....lb. .45 - .48
small cs.....lb. .24 - .26
Mannitol, pure, cryst., cs., works lb. 1.60 - —
Marble flour, bgs.....ton. 12.00 -14.00
Marjoram, French, bls.....lb. .20 - .21
Tunisan, bls..... .lb .21 - .22
Matico leaves, bls.....lb. .30 - .31
Menthol, cs.....lb. 3.20 - 3.30
synthetic, cs.....lb. 2.25 - 2.50
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb., lots.....lb. 3.10 - —
Mercurial ointment, 30%, cns..lb. .74 - —
33⅓%, cns.....lb. .77 - —
50%, cns.....lb. 1.07 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, kgs.....lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, kgs., jars.....lb. 3.45 - 3.50
Yellow, kgs., jars.....lb. 3.55 - 3.60
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., kgs.....lb. 3.85 - —
Red, N.F. (see Red precipitate) tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl...lb. 1.19 - —
USP, dms., kgs.....lb. 1.60 - —
Mercury and chalk, kgs.....lb. .75 - .76
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Compostion, 5½x5½ in..pkg. 1.65 - 1.90
Gold, XX deep, 3¾x3¾ in..pkg. 14.50 -15.00
3¾x3¾ in.....pkg. 16.00 -16.00
4x4 in.....pkg. 18.50 -19.00
3¾x5½ in.....pkg. 21.50 -22.00
3¾x5½ in.....pkg. 23.50 -24.00
Silver, 3¾x3¾ in.....pkg. 2.50 - 2.75
Metanitroaniliin, kgs.....lb. .67 - .69
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .82 - .84
Metatoluylenediamine, kgs....lb. .67 - .69
Methanol, natural, denat. grade, dms., c.l., frt. alld....gal. .43 - —
tanks, frt. alld.....gal. .43 - —
contracts, frt. allid....gal. .40 - —
95%, dms., c.l., Zone 1, frt. allid..gal. .37½- —
2, frt. allid.....gal. .39½- —
3, frt. allid.....gal. .40½- —
4, frt. allid.....gal. .42½- —
5, frt. allid.....gal. .43½- —
l.c.l., Zone 1, frt. allid. or dlvd..gal. .40 - —
2, frt. allid. or dlvd...gal. .44½- —
3, frt. allid. or dlvd...gal. .43 - —
4, frt. allid. or dlvd...gal. .58 - —
5, frt. allid. or dlvd...gal. .49½- —
tanks, Zone 1, frt. allid..gal. .33 - —
2, frt. allid.....gal. .34½- —
3, frt. allid.....gal. .36½- —
4, frt. allid.....gal. .36½- —
5, frt. allid.....gal. .36½- —
97%, dms., c.l., Zone 1, frt. allid..gal. .38½- —
2, frt. allid.....gal. .40½- —
3, frt. allid.....gal. .41½- —
4, frt. allid.....gal. .43½- —
5, frt. allid.....gal. .43½- —
l.c.l., Zone 1, frt. allid. or dlvd..gal. .41 - —
2, frt. allid. or dlvd...gal. .45½- —
3, frt. allid. or dlvd...gal. .44 - —
4, frt. allid. or dlvd...gal. .59 - —
5, frt. allid. or dlvd...gal. .50½- —
tanks, Zone 1, frt. allid..gal. .34 - —
2, frt. allid.....gal. .35½- —
3, frt. allid.....gal. .37½- —
4, frt. allid.....gal. .37½- —
5, frt. allid.....gal. .37½- —
Methanol, pure, dms., cl., Zone 1, frt. allid..gal. .40 - —
2, frt. allid.....gal. .42 - —
3, frt. allid.....gal. .43 - —
5, frt. allid.....gal. .45½- —
5, frt. allid.....gal. .45 - —
l.c.l., Zone 1, frt. allid. or dlvd..gal. .42½- —
2, frt. allid. or dlvd..gal. .47 - —
3, frt. allid. or dlvd..gal. .45½- —
4, frt. allid. or dlvd..gal. .61 - —
5, frt. allid. or dlvd..gal. .52 - —
tanks, Zone 1, frt. allid..gal. .35½- —
2, frt. allid.....gal. .37 - —
3, frt. allid.....gal. .39 - —
4, frt. allid.....gal. .39 - —
5, frt. allid.....gal. .39 - —
Methanol prices, bbls., 2½c. gal. more than drums
synthetic, guaranteed 99.5%, dms., c.l., Zone 1, frt. allid..gal. .40 - —
2, frt. allid.....gal. .42 - —
3, frt. allid.....gal. .43 - —
4, frt. allid.....gal. .45½- —
5, frt. allid.....gal. .45 - —
l.c.l., Zone 1, frt. allid. or dlvd..gal. .42½- —
2, frt. allid. or dlvd...gal. .47 - —
3, frt. allid. or dlvd...gal. .45½- —
4, frt. allid. or dlvd...gal. .61 - —
5, frt. allid. or dlvd...gal. .52 - —
tanks, Zone 1, frt. allid..gal. .35½- —
2, frt. allid.....gal. .37 - —
3, frt. allid.....gal. .39 - —
4, frt. allid.....gal. .39 - —
5, frt. allid.....gal. .39 - —
Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.
Methyl acetate, 95%, dms., c.l.; frt. allid. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. allid., E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
97%, dms., c.l., frt. allid. E. of Rockies..lb. .18 - —
W. of Rockies.....lb. .18½- —
l.c.l., frt. allid. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., l.c.l., frt. allid..lb. .37 - —
Acetone, dms., c.l., contracts, zone 1, frt. allid..lb. .45½- —
2, frt. allid.....gal. .47½- —
3, frt. allid.....gal. .48½- —
4, frt. allid.....gal. .51 - —
5, frt. allid.....gal. .50½- —
l.c.l., Zone 1, frt. allid. or dlvd..gal. .48 - —
2, frt. allid. or dlvd....gal. .50½- —
3, frt. allid. or dlvd....gal. .51 - —
4, frt. allid. or dlvd....gal. .65½- —
5, frt. allid. or dlvd....gal. .58½- —
tanks, contracts, Zone 1, frt. allid..gal. .41 - —
2, frt. allid.....gal. .42½- —
3, frt. allid.....gal. .44½- —
4, frt. allid.....gal. .44½- —
5, frt. allid.....gal. .44½- —
Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zones 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.
Methyl acetone, synthetic, dms., c.l., Zone 1, frt. allid. E. of Rockies..gal. .52½- —
2, frt. allid. E. of Rockies. gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. allid. E. of Rockies..gal. .55 - —
2, frt. allid. E. of Rockies. gal. .59½- —
3, Pacific coast.....gal. .58 - —
Tanks, Zone 1, frt. allid. E. of Rockies..gal. .48 - —
2, frt. allid. E. of Rockies. gal. .49½- —
3, Pacific coast.....gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.
Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.50
Benzoate, bots.....lb. .70 - 1.00
Chloride cyirs.....lb. .40 - —
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.50 - 5.65
Salicylate dms.....lb. .40 - .45
tins .....lb. .42 - .45
Violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylanthraquinone, bbls.....lb. .80 - .85
Methylene blue, medicl., kgs...lb. 2.00 - 2.25
Methylheptenone, bots.....lb. 3.00 - 4.00
Methylheptin carbonate, bots..lb. 27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks. .....gal. .80 - —
tanks, wks. .....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton. 10.00 - —
180 mesh, containers extra, c.l., same basis..ton. 10.00 - —
l.c.l., same basis.....ton. 12.00 - —
250 mesh, containers extra, c.l., same basis..ton. 12.00 - —
l.c.l., same basis.....ton. 14.00 - —
325 mesh, containers extra, c.l., same basis..ton. 17.00 - —
l.c.l., same basis.....ton. 19.00 - —
Mica, dry-grd., plastic, No. 100, 48 mesh, bgs., c.l., works..ton. 35.00 - —
l.c.l., works.....ton. 42.75 - —
second grade, bgs., c.l., works..ton. 33.00 - —
l.c.l., works.....ton. 41.25 - —
250, 100 mesh, bgs., c.l., works..ton. 32.00 -40.00
l.c.l., works.....ton. 40.00 -50.00
second-grade, bgs., c.l., works..ton. 23.20 -30.00
l.c.l., works.....ton. 29.00 -37.50
200, 140 mesh, bgs., c.l., works..ton. 50.00 - —
l.c.l., works.....ton. 62.50 - —
roofing, bgs., c.l., works..ton. 23.50 -30.00
l.c.l., works.....ton. 30.00 -37.50
wet-grd., 160 mesh, pure white, bgs., c.l., dlvd. E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R. 100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.00 - —
standard, bgs., c.l., works, frt. allid. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R. 100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbl., c.l..lb. .09½- —
l.c.l. .....lb. .09¾- —
spray, bbls., c.l.....lb. .09½- —
l.c.l. .....lb. .10¼- —
unskimmed, roller, bbls., c.l. lb. .17½- —
l.c.l. .....lb. .18½- —
spray, bbls., c.l.....lb. .17½- —
l.c.l. .....lb. .18½- —
Millet seed, bgs.....lb. .03 - .03½
hulled, bgs.....lb. .06 - .06½
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .06 - .06½
Molybdenum metal, 99%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l. works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .06½
Monoethanolamine, dms.....lb. .31 - .35
Monoethylaniliin, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz. 10.90 -10.95
Acetate, bots.....oz. 8.80 - 8.85
Ethylhydrochloride, vis.....oz. 10.80 -10.85
Hydrobromide, cns.....oz. 8.70 - 8.75
Sulphate, cns.....oz. 8.75 - 8.80
Mullein flowers, cns.....lb. 1.05 - 1.10
Leaves, bls.....lb. .07 - .08
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots....oz. 21.00 -22.00
pods, bots.....oz. 14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.55 - —
Xylol, 100%, cns.....lb. 1.35 - —
Musk root, bls.....lb. .06½- .09

Mustard Seed—Oil, Gas

Mustard seed, Bombay, brown, bgs..lb. .07½- .08
California, brown, bgs.....lb. .06½- .07
yellow, bgs.....lb. .06¾- .07¼
Chinese, yellow, bgs.....lb. .06¼- .06⅝
Dutch, yellow, bgs.....lb. .06¼- .06⅝
English, yellow, bgs.....lb. .08¾- .09¼
Hungarian, yellow, bgs....lb. .07¼- .07⅝
Montana, brown, bgs.....lb. .07¼- .07⅝
yellow, bgs.....lb. .06⅝- .06¾
Roumanian, yellow, bgs...lb. .06¼- .06⅝
Sicilian, brown, bgs.....lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt...ton.22.50 -23.00
J2, bgs., shipt.....ton.15.00 - —
R2, bgs., shipt.....ton.14.50 - —
Extract, liquid, 25%, bbls...lb. .04¼- —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. No prices
import., 74-78%, bgs., c.l.f. Atlantic ports..100 lbs. 3.50-4.50 Nom.
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. E. works..lb. .07¼- —
cs., same basis.....lb. .07½- —
pkgs. (16 oz.), same basis..lb. .08 - —
(12 oz.), same basis... pkg. .06½- —
chipped, crushed, bbls., bgs., same basis..lb. .06½- —
rice, cryst., powd., bbls., same basis..lb. .07½- —
Refined naphthalene Western prices are ¼c. per lb. higher, f.o.b. Chicago and Granite City, Ill.; storedoor delivery in metropolitan N. Y., Phila. and Chicago made in mim. 2,000-lb. quantities; smaller lots, 20c. per 100 lbs. higher.

Neroiin. cryst., cns.....lb. 1.2[illegible] - 1.85
Nickel carbonate, bbls.....lb. .36 - —
Chloride, bbls.....lb. .18 - .19¼
kgs.....lb. .21 - .22
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13¼
single, bbls.....lb. .13 - .13¼
Nicotine, 50%, cns.....6 lbs. 8.25 -10.15
Sulphate, 10-lb. cns.....lb. .76½- 1.06¼
5-lb. cns.....lb. .94 - 1.17
dms.....lb. .75 - .85
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .09 - —
l.c.l.....lb. .11 - —
tanks.....lb. .08½- —
Nitrocellulose, alcohol-soluble, ½, 15-20, 30-40, sec. vis., bbls., c.l., works..lb. .29½- —
l.c.l., 20-49, works.....lb. .30 - —
1-19, works.....lb. .31 - —
bronzing, 20, 40, 70 sec. vis., bbls., c.l., works..lb. .31½- —
l.c.l., 20-49, works.....lb. .32 - —
1-19, works.....lb. .33 - —
ester-soluble, ¼, ½, ¾, 15-20 sec. and higher vis., bbls., c.l., works..lb. .27½- —
l.c.l., 20-49, works.....lb. .28 - —
1-19, works.....lb. .29 - —
lacquer, 20, 40 and 70 sec. vis., bbls., c.l., works..lb. .32½- —
l.c.l., 20-49, works.....lb. .33 - —
1-19, works.....lb. .34 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra, excepting film scrap; barrels to be paid for extra, but returnable; contract prices are 1c. lower than the above quotations. A contract price of 25½c. is standard for consumers of 50,000 pounds or over of ester-soluble nitrocellulose a year.
Nitrogen solution, 45¼% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.00 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrolville, Wis., Sept./Dec., shpt., unit-ton. 1.90 - —
Chemical, Ill., Summer shipt..unit-ton. 1.85 - —
East Coast producing points..unit-ton. 2.00 - 2.15
import., bgs., c.i.f. Atlantic ports, July/Sept. shipt..unit-ton. 2.00 - 2.10
Nitronaphthalene, bbls.....lb. .34 - .35
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt., cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs, cs.....lb. .19 - .20
110s, bgs, cs.....lb. .16¾- .17½
West Indian, bgs.....lb. .12½- .12¾
Nux vomica, bis.....lb. .06 - .07
powd., bbls., bxs.....lb. .07½- .08

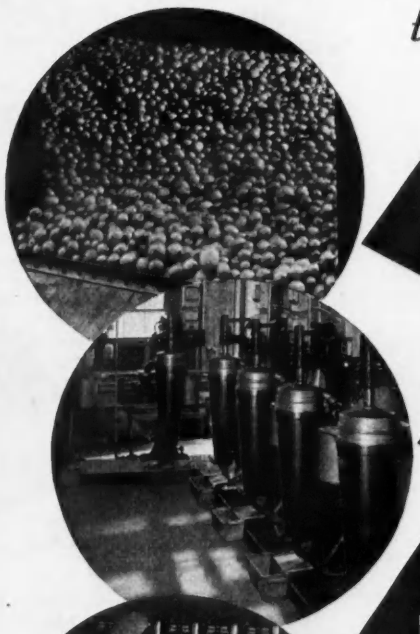
O

Oakbark extract, 25% tan., bbls. lb. .03½- —
tanks.....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.S..gal. .10 - —
l.c.l., G.S.....gal. .15 - —
tanks, G.S.....gal. .06 - —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
small lots, works.....lb. .20 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde)
natural, bots.....lb. 2.00 - 2.50
s.p.a., bots.....lb. 2.25 - 2.75
Sweet, true, exp., cns.....lb. .56 - .57
Amber, crude, cns.....lb. .20 - .21
refd., cns.....lb. .50 - .51
Oil, Amyris, cns.....lb. 2.70 - 2.80
Angelica root, bots.....lb.64.00 -80.00
Seed, bots.....lb.72.00 -160.00
Anilin (see A).
Anise, USP, cns, dms.....lb. .57 - .60
Apricot kernel, dom., dms., frt. alld..lb. .23½- .26
spot.....lb. .26 - .28
Russian, dms.....lb. .20 - .21
Babassu, tanks.....lb. .06⅞- —
Bay, W.I., cns.....lb. 1.05 - 1.25
Bergamot, artif., cns.....lb. 1.00 - 1.50
natural, coppers.....lb. 1.90 - 2.30
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .15
rectifd., cns.....lb. .75 - .80
Bois de rose, Brazil, cns...lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.25 - 2.35
Cade, USP, cns.....lb. .26 - .28
Cajeput, tech., dms.....lb. .45 - .46
USP IX., cns.....lb. .47 - .48
Calamus, cns.....lb. 3.00 - 3.25
Camphor, sassafrassy, cns...lb. .15½- .16
dms.....lb. .14 - .15
white, cns.....lb. .16½- .17½
dms.....lb. .15 - .16
Cananga, native, cns.....lb. 2.30 - 2.35
rectifid., cns.....lb. 2.60 - 2.65
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.00 - 3.00
Cardamom, bots.....lb.11.00 -28.00
Cassia, USP, cns, dms.....lb. 1.00 - 1.10
Castor, blown, one-way dms., c.l..lb. .12¼- —
l.c.l.....lb. .13 - —
medicinal, bbls., c.l.....lb. .10¾- —
l.c.l.....lb. .11½- —
cns. (1-gal.), l.c.l.....lb. .14½- —
dms. (returnable), c.l....lb. .10½- —
l.c.l.....lb. .11¼- —
(5-gal.), l.c.l.....lb. .12½- —
tanks.....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l.....lb. .11 - —
dms. (returnable), c.l....lb. .10 - —
l.c.l.....lb. .10¾- —
tanks.....lb. .09½- —
Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (43% fat), dms., c.l..lb. .08 - —
l.c.l.....lb. .08½- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l.....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l.....lb. .13 - —
Cedarleaf, cns.....lb. .85 - 1.10
dms.....lb. .80 - 1.05
Cedarwood, Oregon, cns., dms. lb. .20 - .30
Southern, cns., dms.....lb. .18 - .22
Celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs..lb. .[illegible] - —
25 lbs.....lb. 1.[illegible] - —
Chinawood.....lb. .18½- .18¾
tanks.....lb. .1800- .1820
Cinnamon, Ceylon, bots.....lb. 9.00 - 22.00
Seychelle, bots.....lb. 8.00 -10.00
Citronella, Ceylon, cns.....lb. .21 - 22.
dms.....lb. .18 - .19
Java, dms.....lb. .31 - .32
Clove, USP, cns.....lb. .97 - —
dms.....lb. .94 - —
Coconut, Manila, crude, tanks. lb. .04 - —
Pac. Cst.....lb. .03¾- .03⅞
edible, 76°, tax inc., dms. (returnable), c.l..lb. .09¼- —
l.c.l.....lb. .09¾- —
tanks.....lb. .08¾- —
Cod, Newfoundland, tanked, bbls..gal. .40 Nom.
Norwegian, bbls.....gal. .34 - .36
Codliver, med., Norwegian, bbls. bbl.24.00 -36.00
poultry, USP, bbls.....gal. .70 - .75
Coriander, bots.....lb. 5.40 - 5.75
Corn, crude, tanks, works....lb. .08 - .08⅛
refd., bbls.....lb. .10¾- .11
Cottonseed, dom., cooking, bbls. 100 lbs.10.40 - —
salad, bbls.....100 lbs.10.55 - —
import., Brazilian, semirefd., dms..lb. .05½ Nom.
British, refd., tanks.....lb. .10⅝ Nom.
semirefd., dms.....lb. .0680 Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.40 - 1.50
Cubeb, USP, cns.....lb. 2.75 - 3.25
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, cns.....lb.12.00 - —
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 27 plus, bulk..bbl. .80 - .90
Dill seed, bots.....lb. 3.60 - 4.50
Weed, bots.....lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns.....lb. 1.45 - 1.55
Eucalyptus, cns.....lb. .35 - .36
dms.....lb. .33 - .34
Fennelseed, sweet, cns.....lb. 1.00 - 1.25
Fuel, bunker, California, tidewater..bbl. .82½- .85
Gulf Coast.....bbl. .90 - —
Kansas, 24-26.....bbl. .80 - .85
Louisiana-Arkansas, 16-20.. bbl. .60 - .70
18-20.....bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday.....bbl. 1.05 - —
Tuesday.....bbl. 1.05 - —
Wednesday.....bbl. 1.05 - —
Thursday.....bbl. 1.05 - —
Friday.....bbl. 1.05 - —
Saturday.....bbl. 1.05 - —
North Texas, 24-26.....bbl. .65 - .70
26-30.....bbl. .70 - .75
Oklahoma, 18-23.....bbl. .65 - .70
24-26.....bbl. .70 - .75
26-30.....bbl. .80 - .85
28-30.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04½- .04¾
Furnace, Bayonne, 1, bulk, refinery.....gal. .05¼- —
2, bulk, same basis.....gal. .04¾- —
3, bulk, same basis.....gal. .04¼- —
4, bulk, same basis.....gal. .03¾- —
Kansas, 38-40.....gal. .03½- .03¾
Louisiana - Arkansas, 36 - 40, light straw.....gal. .02⅞- .03
Oklahoma, 28-30.....gal. .03 - .03½
32-36.....gal. .03½- .03¾
36-38.....gal. .03¾- .03⅞
38-40, straw.....gal. .03½- .03⅝
38-40, zero, 60 e.p.....gal. .03⅜- .03⅝
Fusel (see F).
Gas, Bayonne, 32-36, bulk..gal. .04½- —
Gulf Coast, 32-36, bulk....gal. .03 - —
Kansas, 32-36, bulk.....gal. .03⅛- .03¼
Louisiana - Arkansas, 32 - 36, bulk.....gal. .03 - .03½
North Texas, 32-36, bulk.gals. .02⅞- —
Oklahoma, 32-36, zero, straw, bulk..gal. .03½- .03¾

America's OWN OIL OF LEMON

OVER 75% OF ALL LEMON OIL SOLD IN U.S.A. IN 1935 WAS EXCHANGE BRAND

for every American purpose especially suited to the American taste



FROM CALIFORNIA LEMONS

COLD PRESSED and CLARIFIED

A U.S.P. OIL FOR AMERICAN USE

THREE-fourths of all the Oil of Lemon bought in the United States last year was Exchange Brand—made in the world's largest plant devoted exclusively to lemon products.

Superior quality and fair price are the reasons. All characteristics of Exchange Oil of Lemon U. S. P. (Clarified) are maintained with precision. The flavor is regulated to the American taste.

Next time specify Exchange Brand. See for yourself why it leads 3 to 1 in popularity.

Exchange
OIL OF LEMON
CLARIFIED
U. S. P.

Sold to the American market exclusively by
DODGE & OLCOTT COMPANY, 180 VARICK STREET, NEW YORK, N. Y.
FRITZSCHE BROTHERS, INC., 76 NINTH AVENUE, NEW YORK, N. Y.
Distributors for
CALIFORNIA FRUIT GROWERS EXCHANGE
Products Department, Ontario, California
Producing Plant: EXCHANGE LEMON PRODUCTS COMPANY, Corona, California
Copr., 1936, California Fruit Growers Exchange, Products Dept.

Oil, gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, rose, cns.	lb.	5.25	- 6.75
Bourbon, cns.	lb.	5.25	- 6.75
Turkish, cns.	lb.	1.60	- 2.00
Grapefruit, cns.	lb.	2.85	- 3.00
Ginger, dist., bots.	lb.	3.30	- 4.00
Guaiac wood, concrete, bots.	lb.	3.10	- 3.15
Haarlem, dom., bots.	gross	2.25	- 2.85
import, bots.	gross	2.40	- 2.50
Halibut-liver, dms. 1,000 A unit-gal.		.75	- 1.00
Hemlock, cns.	lb.	.70	- .80
Hempseed, crude, dms.	lb.	.06½-	.06½
refd., dms.	lb.	.09½-	.09½
Herring, tanks, Pac. Cst.	gal.	No stocks	
Juniper berry, USP, cns.	lb.	1.00	- 2.00
Wood, tech., cns.	lb.	.45	- —
Lard, common, 1, bbls.	100 lbs.	7.50	- —
2, bbls.	100 lbs.	7.25	- —
extra, bbls.	100 lbs.	9.50	- —
1, bbls.	100 lbs.	7.75	- —
headlight, burning bbls.	100 lbs.	10.75	- —
prime, ed., bbls.	100 lbs.	12.75	- —
ined., bbls.	100 lbs.	10.75	- —
winter, strained, extra, bbls, 100 lbs.		9.75	- —
prime, bbls.	100 lbs.	10.00	- —
Lavender flowers, French, USP, cns.	lb.	2.75	- 7.25
Garden, cns.	lb.	.45	- .50
Spike, Spanish, tech., cns.	lb.	.95	- 1.40
dms.	lb.	.85	- —
Lemon, Calif., cns.	lb.	1.00	- —
Messina, coppers, cns.	lb.	1.10	- 1.80
Lemongrass, native, cns., dms.	lb.	.45	- .50
Lime, dist., cns.	lb.	5.45	- 6.00
expressed, cns.	lb.	9.25	-12.00
Linaloe wood, cns.	lb.	1.25	- 1.30
Linseed, boiled, bbls., c.l.	lb.	.0980-	.1010
l.c.l., 5 or over	lb.	.1020-	.1050
less than 5	lb.	.1060-	.1090
tanks	lb.	.0920-	.0950
double boiled, bbls., less than 5.	lb.	.1080-	.1110
raw, bbls., c.l.	lb.	.0940-	.0970
l.c.l., 5 or over	lb.	.0980-	.1010
less than 5	lb.	.1020-	.1050
tanks	lb.	.0880-	.0910
Lovage, bots.	lb.	65.00	-66.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—			
California, green, 70 vis., tanks.	gal.	.21½-	—
80, 100 vis., tanks.	gal.	.24½-	—
115, 125 vis., tanks.	gal.	.30½-	—
green, pale, 750, 900 vis., tanks.	gal.	.21½-	—
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks.	gal.	.21½-	—
pale, red, 100, 140, 1,000 vis., tanks.	gal.	.21½-	—
pale, 75, 175 vis., tanks.	gal.	.21½-	—
Oklahoma, 100 vis., 3 color, tanks.	gal.	.13½-	.14
150 vis., 0-10° pour, tanks,	gal.	.17	- —
15-25° pour, tanks.	gal.	.16½-	—
3 color, tanks.	gal.	.14	- .14¼
4 color, tanks.	gal.	.13½-	.15½
E, tanks.	gal.	.21	- —
180 vis., 3 color, tanks.	gal.	.15½-	.15½
4 color, tanks.	gal.	.14½-	.15
190 vis., tanks.	gal.	.25	- —
200 vis., 3 color, tanks.	gal.	.15½-	.16
4 color, tanks.	gal.	.15½-	.15½
5 color, tanks.	gal.	.14½-	.15
E, tanks.	gal.	.24	- —
220 vis., 3 color, tanks.	gal.	.16½-	.17
4 color, tanks.	gal.	.16½-	.16½
5 color, tanks.	gal.	.16½-	.16½
240 vis., 3 color, tanks.	gal.	.17½-	.18
4 color, tanks.	gal.	.17½-	.17½
280 vis., 3 color, tanks.	gal.	.18½-	.19
4 color, tanks.	gal.	.18	- .18½
5½ color, tanks.	gal.	.17½-	.17½
Pennsylvania, bright, 600 cold test, 10-40 pour, tanks,	gal.	.26½-	—
10-15 pour, tanks.	gal.	.26½-	—
cylinder, 600 fire, tanks,	gal.	.16	- —
600 flash, tanks.	gal.	.19	- —
630 flash, tanks.	gal.	.23½-	—
635 fire, tanks.	gal.	.17½-	—
650 fire, tanks.	gal.	.18	- —
Warren, E, amber, tanks.	gal.	.19½-	—
neutral, 150 vis., 3 color, tanks.	gal.	.22½-	—
180 vis., 3 color, tanks.	gal.	.24	- —
200 vis., 2 color, tanks.	gal.	.26½-	—
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.30½-	—
unfiltered, 600 s.r., bbls., c.l., f.a.s.	gal.	.23	- —
600 flash, s.r., bbl., c.l., f.a.s.	gal.	.24½-	—
630 flash, s.r., bbls., c.l., f.a.s.	gal.	.27½-	—
650 s.r., bbls., f.a.s.	gal.	.28½-	—
Warren, E, bbls., c.l., f.a.s.	gal.	.25	- —
smaller lots, f.o.b.	gal.	.31	- —
Mace, dist., cns.	lb.	1.10	- 1.15
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.32	- .33
refd., alkali, dms, c.l.	lb.	.0660-	—
l.c.l.	lb.	.0660-	—
tanks	lb.	.0600-	—
blown, dms.	lb.	.0660-	—
kettle-bodied, dms.	lb.	.0760-	—
light pressed, dms, c.l.	lb.	.0600-	—
l.c.l.	lb.	.0660-	—
tanks	lb.	.0540-	—
Mineral, white (see Oil, white mineral).			
Mustard, artif., USP., bots.	lb.	1.73	- 1.78
dist., natural, bots.	lb.	8.00	- 9.00
expressed, bbls.	gal.	.70	- .75
Neatsfoot, cold test, bbls.	100 lbs.	16.00	- —
extra, bbls.	100 lbs.	8.00	- —
1, bbls.	100 lbs.	7.75	- —
pure, bbls.	100 lbs.	11.50	- —
special, bbls.	100 lbs.	9.75	- —
sulphonated, common, 25% moisture, dms.	lb.	.10½-	—
Neroli, bots.	lb.	55.00	-60.00
Nutmeg, USP, cns.	lb.	1.10	- 1.15
Oiticica, dms.	lb.	.14½-	.14½
shipment	lb.	.14½-	—
Oleo, 1, bbls.	100 lbs.	9.25	- —
2, bbls.	100 lbs.	8.75	- —
Olibanum, bots.	lb.	5.25	- 5.30
Oleo, denat., bbls.	lb.	.75	- .76
edible, bbls.	gal.	1.60	- 1.80
foots, bbls.	lb.	.08¼-	.08½
sulphonated, 50% (43% fat), dms., c.l.	lb.	.09	- —
l.c.l.	lb.	.09½-	—
75% (63% fat), dms., c.l.	lb.	.12½-	—
l.c.l.	lb.	.13	- —
80% (68% fat), dms., c.l.	lb.	.13½-	—
l.c.l.	lb.	.14	- —
Oil, orange, sweet, dist., cns.	lb.	.75	- —
expressed, African, cns., dms.	lb.	.95	- 1.00
Calif., cns.	lb.	2.25	- —
Florida, cns.	lb.	2.25	- 2.50
Messina, USP, coppers.	lb.	1.90	- 2.00
Spanish, cns.	lb.	2.50	- 2.55
West India, cns.	lb.	1.95	- 2.00
Origanum, Spanish, cns.	lb.	.70	- 1.35
Orris, Florentine, concrete, extra strong, bots.	oz.	5.50	- 5.75
Palm, Niger, cks.	lb.	.0485-	.0450
shipment	lb.	.0390-	—
softs, 12%, bulk, shipt.	lb.	.0360-	—
20%, bulk, shipt.	lb.	.0350-	—
Sumatra, tanks.	lb.	.03¾	Nom.
Palmarosa, cns.	lb.	1.60	- 2.00
Palmkernel, bulk, shipt.	lb.	.0490	Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼-	—
330° flash, 70-80 vis., tanks, G. 3.	gal.	.05½-	—
80-85 vis., bbls. extra, Ind. refy.	gal.	.12	- —
350° flash, 100-105 vis., bbls. extra, Ind. refy.	gal.	.14	- —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾-	—
Patchouli, bots.	lb.	4.75	- 6.00
Peanut, crude, tanks, works.	lb.	.07¾-	.08
refd., edible, bbls.	lb.	.12	- .12¼
Pennyroyal, dom., cns.	lb.	1.85	- 2.00
import., cns.	lb.	1.30	- 1.35
Peppermint, natural, cns.	lb.	1.90	- 2.30
redist., USP, cns.	lb.	2.15	- 2.50
Perilla, dms.	lb.	.08¼-	.08½
tanks	lb.	.08	Nom.
Petitgrain, Paraguay, cns.	lb.	1.00	- 1.15
Pimento berry, cns.	lb.	2.20	- 2.50
Leaf, cns.	lb.	1.05	- 1.10
Pine, dest.-dist., straw-color, dms., dlvd. E. ports.	gal.	.44	- —
steam-dist., straw-color, bbls.	gal.	.59	- —
tanks	gal.	.54	- —
water-white, bbls.	gal.	.64	- —
tanks	gal.	.59	- —
Pineneedle, Siberian, cns.	lb.	.90	- 1.10
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22½-	—
contracts	gal.	.19½-	—
Whiting, Ind.	gal.	.28	- —
dms., c.l., Bost., Provid.	gal.	.25½-	—
l.c.l., same basis.	gal.	.27	- —
tanks, same basis.	gal.	.18	- —
Martinez, Cal.	gal.	.28	- —
Rapeseed, blown, bbls.	lb.	.0660-	.0680
denat., bbls.	gal.	.52	- .52½
Red, dist. or saponif., bbls., dlvd.	lb.	.08¾-	.09½
dms, dlvd.	lb.	.08½-	.09½
tanks, dlvd.	lb.	.07¾-	—
white, dms, dvld.	lb.	.11½-	.12½
Rose, artif., bots.	oz.	2.00	- 3.00
natural, coppers.	oz.	5.25	-22.50
Rosemary, tech., cns.	lb.	.30	- .42
USP, cns., dms.	lb.	.34	- .45
Rosin, 1st rectfd., dms.	gal.	.42	- .44
2d rectfd., dms.	gal.	.48	- .50
3d rectfd., dms.	gal.	.55	- .57
Rue, bots.	lb.	2.15	- 2.20
Sage, cns.	lb.	1.70	- 1.75
Salmon, tanks, Pac. cst.	gal.	.31	Nom.
Sandalwood, Australia, cns.	lb.	4.50	- 5.00
E.I., USP, cns.	lb.	4.80	- 5.50
Sardine, crude, tanks, Pac. cst.	gal.	.28	Nom.
rfd., alkali, dms, c.l.	lb.	.0660-	—
l.c.l	lb.	.0660-	—
tanks	lb.	.0600-	—
kettle-bodied, dms.	lb.	.0760-	—
light, pressed, dms., c.l.	lb.	.0600-	—
l.c.l	lb.	.0600-	—
tanks	lb.	.0540-	—
poultry feed., dms., Pac. cst.	gal.	.50	- —
Sassafras, artif., dms.	lb.	.37	- .38
cns	lb.	.40	- .41
natural, cns., dms.	lb.	.75	- 1.25
Savin, cns.	lb.	1.70	- 1.75
Sesame, dom., refd., white, dms.	lb.	.12¾-	.13¼
yellow, dms.	lb.	.12¾-	.13¼
Shingle stain, bbls., c.l., works,	gal.	.17½-	—
l.c.l., works.	gal.	.20	- —
tanks, works.	gal.	.14½-	—
Snakeroot, Canada, cns.	lb.	10.25	-12.50
Soybean, dom., crude, dms.	lb.	.0760-	.0800
tanks	lb.	.0700-	—
refd., dms.	lb.	.0810-	.0900
tanks	lb.	.0750-	.0800
Spearmint, USP, cns.	lb.	1.40	- 1.50
Sperm, bleach, 38°, dms.	lb.	.0940-	.0960
45°, dms.	lb.	.0670-	.0690
natural, dms.	lb.	.0820-	.0840
Spruce, cns.	lb.	.70	- .80
Sunflowerseed, refd., dms.	lb.	.09¼-	.10
Sweet birch, North., cns.	lb.	3.50	- 3.75
South., cns.	lb.	1.90	- 2.10
Tallow, acidless, bbls.	100 lbs.	7.50	- —
tanks	100 lbs.	7.00	- —
Tansy, cns.	lb.	1.50	- 1.60
Tar, commil., dms., c.l., dlvd. E. cities.	gal.	.26	- —
E. ports.	gal.	.25	- —
l.c.l.	gal.	.26	- —
tanks, dlvd. E. cities.	gal.	.20	- —
Tar acid (see T)			
Teaseed, dms.	lb.	.08¾-	.09
shipment, lb.	lb.	.09¼-	—
Thyme, NF, red, dms.	lb.	.68	- .85
white, dms.	lb.	.80	- 1.10
Tung (see Oil, chinawood).			
Turkey red (see Oil, castor, sulphonated).			
Turpentine (see T).			
Turtle, cns.	gal.	4.00	- 5.00
Valerian, bots.	lb.	13.50	-14.00
Vetiver, Bourb., bots.	lb.	10.50	-11.00
Walnut, crude, dms.	lb.	.10¾-	.10¾
refd., dms.	lb.	.11¼●	.11¾
Whale, refd., natural, dms.	lb.	.0710-	.0730
winter, bleach., dms.	lb.	.0750-	.0770
White mineral, dom., tech., 50-60 vis., dms.	gal.	.42	- .44
65-75 vis., dms.	gal.	.44	- .46
80-90 vis., dms.	gal.	.45	- .47
U.S.P., 80-90 vis., dms.	gal.	.54	- .56
95-105 vis., dms.	gal.	.63	- .65
125-135 vis., dms.	gal.	.75½-	.77½
140-150 vis., dms.	gal.	.76½-	.78½
175-185 vis., dms.	gal.	.78½-	.80½
200-210 vis., dms.	gal.	.80	- .82
320-330 vis., dms.	gal.	.85½-	.87½
335-345 vis., dms.	gal.	.87	- .89
Russian, 75-85 vis., dms.	gal.	.52	- —
145-155 vis., dms.	gal.	.74½-	—
185-190 vis., dms.	gal.	.76½-	—
275-285 vis., dms.	gal.	.80	- —
335-345 vis., dms.	gal.	.85	- —
Wintergreen, natural, North., cns.	lb.	4.00	- 5.00
South., cns.	lb.	3.85	- 5.75
synth. (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns.	lb.	2.05	- 2.15
Wormwood, cns.	lb.	2.25	- 2.35
Ylang-ylang, Bourb., bots., cns.	lb.	2.50	- 6.00
Manila, bots.	lb.	26.00	-30.00
Opium, USP, cns.	lb.	11.50	-12.00
gran., cns.	lb.	12.50	-13.50
powd., cns.	lb.	12.00	-13.00
Orange, shrums (see Yellow, chrome).			
Lake, Persian, bbls.	lb.	.30	- .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore and Wash.	lb.	.10¼-	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.10¾-	—
Colo., Mont., N. M., Wyo.	lb.	.10½-	—
Other points.	lb.	.10	- —
smaller lots, dlvd. Ala., etc.	lb.	.10¾-	—
Ariz., etc.	lb.	.11¼-	—
Colo., Mont., N. M., Wyo.	lb.	.11	- —
Other points.	lb.	.10¼-	—
French Toure, cake., ex dock.	lb.	.17	- —
tgs., ex dock	lb.	.18½-	—
Orris root, Florentine, bgs.	lb.	.09	- .10
fingers, cs.	lb.	.95	- 1.00
powd., bbls., bxs.	lb.	.12	- .13
Verona, bls.	lb.	.08	- .09
powd., bxs., cs.	lb.	.11	- .12
Orthoanisidin, bbls.	lb.	.82	- .84
Orthochloroanilin, dms.	lb.	.60	- .75
Orthochlorophenol, dms.	lb.	.85	- .75
Orthocresol, dms.	lb.	.13	- .15
Orthodichlorobenzene, dms.	lb.	.06½-	.11½
Orthonitroanilin, dms.	lb.	.48	- .60
Orthonitrochlorobenzene, kgs.	lb.	.28	- .29
Orthonitroparachlorophenol, cns.	lb.	.70	- .75
Orthonitrophenol, kgs.	lb.	.85	- .90
Orthonitrotoluene, dms.	lb.	.07	- .10
Orthotoluene sulphonate, kgs.	lb.	2.00	- 2.05
Orthotoluidin, dms.	lb.	.14½-	.15
Osage orange extract, cryst., bbls.	lb.	.17	- .19
liquid, 51°, bbls.	lb.	.07	- .08
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50	- —
bots., cns., 1-50 lbs.	lb.	3.65	- 4.00

P

Papain, powd., cs.	lb.	1.25	- 1.30
Paprika, Hungarian, bgs.	lb.	.28	- .28½
Spanish, extra fancy, cs.	lb.	.22½-	.23
fair, bgs.	lb.	.21½-	.22
fancy, med., bgs.	lb.	.23	- .28
Para-aminoacetanilide, kgs.	lb.	.85	Nom.
Para-amfnophenol, bgs., bbls.	lb.	1.05	- —
Hydrochloride, bbls.	lb.	1.25	- —
Para-amylphenol, tertiary, dms., l.c.l., works.	lb.	.50	- —
Parachlorophenol, dms.	lb.	.30	- .45
Paracymene, rfd., dms.	gal.	.70	- 1.12½
Paradichlorobenzene, dms.	lb.	.16	- .20
kegs	lb.	.18	- .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼-	.02¼
bbls., c.l., N.Y.	lb.	.02¼-	.0230
124-126 A.m.p., bgs., c.l., Okla. refy.	lb.	.02¾-	.02¼
bbls., c.l., N.Y.	lb.	.0230-	.0235
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.02½	Nom.
fully rfd., slabs, 120-122 A.m.p., bgs., c.l.	lb.	No prices	
123-125 A.m.p., bgs., c.l.	lb.	.0445-	—
export, f.a.s. N. Y.	lb.	.0440-	—
125-127 A.m.p., bgs., c.l.	lb.	.0455-	—
export, f.a.s. N. Y.	lb.	.0454-	—
128-130 A.m.p., bgs., c.l.	lb.	.0480-	—
export, f.a.s. N. Y.	lb.	.0478-	—
130-132 A.m.p., bgs., c.l.	lb.	.0495-	—
export, f.a.s. N. Y.	lb.	.0490-	—
133-135 A.m.p., bgs., c.l.	lb.	.0535-	—
export, f.a.s. N. Y.	lb.	.0534-	—
135-137 A.m.p., bgs., c.l.	lb.	.0580-	—
export, f.a.s. N. Y.	lb.	.0574-	—
138-140 A.m.p., bgs., c.l.	lb.	.0635-	—
143-145 A.m.p., bgs., c.l.	lb.	.0790-	—
Refined paraffin prices in cases are ½c. lb. higher than bags price.			
match, A.m.p. up to and incl. 110-112, bbls., c.l.	lb.	.06	- —
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.02¾-	Nom.
Paraformaldehyde, kgs., 1,000 lbs.	lb.	.33	- —
100-lbs.	lb.	.39	- —
Paraldehyde, tech., dms., wks.	lb.	.16	- .18
USP, cbys.	lb.	.37	- .45
Paranitroanilin, kgs.	lb.	.47	- .49
Paranitrochlorobenzene, kgs.	lb.	.23½-	.24
Paranitrophenol, kgs.	lb.	.36	- .37
Paranitrotoluene, kgs.	lb.	.36	- .37
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratertiaryamylphenol, dms., 30,000 lbs., Wyandotte, Mich.	lb.	.32	- —
10,000 lbs., same basis.	lb.	.35	- —
2,000 lbs., same basis.	lb.	.40	- —
1,000 lbs., same basis.	lb.	.50	- —
6 lbs., same basis.	lb.	1.00	- —
1-5 lbs., same basis.	lb.	2.00	- —
tanks, same basis.	lb.	.31	- —
Paratoluenesulphenamide, bbls.	lb.	.70	- .75
Paratoluenesulphonanilide, bbls.	lb.	.55	- —
Paratoluidin, bbls.	lb.	.59	- .60
Paredra brava root, bls.	lb.	.14	- .16
Paris green, bxs., frt. all'd E. of Cleve.	lb.	.26	- .27
kgs., same basis.	lb.	.22	- .24
kits, same basis.	lb.	.26	- —
Passion flower herb, bls.	lb.	.07	- .08
Patchouli leaves, bls.	lb.	.15	- .16
Pellitory root, bls.	lb.	.17	- .18
Pennyroyal, bls.	lb.	.10	- .11
Pentane, norm., 28-38°, dms., c.l., G.3.	gal.	.10	- —
l.c.l., G.3.	gal.	.15	- —
tanks, G.3.	gal.	.09	- —
laboratory grade, dms., c.l., G.3.	gal.	.19	- —
l.c.l., G.3.	gal.	.26	- —
Pepper, black, Alleppy, bgs.	lb.	.10¼-	.10⅝
Lampong, bgs.	lb.	.05¼-	.05¾
Tellicherry, bgs.	lb.	.10½-	.11
Red, birdseye, new crop, bgs., afloat.	lb.	.15	- .15½
old crop, bgs.	lb.	.13	- .13½
Japanese, 1, bgs.	lb.	.12¾-	.13⅜
Mombassa, bgs.	lb.	.13¼-	.13⅜
White, Borneo, bgs.	lb.	.10½-	.11
Java, Muntok, bgs.	lb.	.11	- .11½
Saigon, bgs.	lb.	.10	- .10¼
Singapore, Muntok, bgs.	lb.	.10¾-	.11¼
Peppermint leaves, dom., bls.	lb.	.30	- .32
import., bls.	lb.	.50	- .75
Peruvian berry extract, bbls.	lb.	.38	Nom.
Peru balsam, dms.	lb.	1.15	- 1.20

Oil, Gaultheria—Petroleum

Petrolatum, amber, dark, bbls., c.l.	lb.	.02¾-	.03⅜
light, bbls., c.l.	lb.	.03¼-	.03½
medium, bbls., c.l.	lb.	.02⅝-	.03¼
cream, bbls., c.l.	lb.	.05	- .05½
green, dark, bbls., c.l.	lb.	.02½-	.02⅝
red, bbls., c.l.	lb.	.02⅝-	.03⅛
veterinary, bbls., c.l.	lb.	.02⅝-	.02⅝
white, lily, bbls., c.l.	lb.	.06	- .06½
snow, bbls., c.l.	lb.	.07	- .07½
Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	- .96
Athens	bbl.	.84	- 1.06
Belridge	bbl.	.70	- 1.32
Buena Vista Hills	bbl.	.70	- 1.38
Coalinga	bbl.	.70	- .90
Coyote Hills (West)	bbl.	.78	- 1.32
Domingues	bbl.	.79	- 1.04
East Coyote	bbl.	.76	- .96
Elk Hills	bbl.	.65	- 1.04
Elwood Terrace, f.o.b. ship.	bbl.	1.28	- 1.43
Huntington Beach	bbl.	.78	- 1.22
Inglewood	bbl.	.79	- 1.27
Kern Front	bbl.	.70	- —
Kern River	bbl.	.70	- —
Kettleman Hills	bbl.	1.12	- 1.42
La Habra	bbl.	.76	- .96
Lakeview	bbl.	.65	- 1.04
Lost Hills	bbl.	.70	- 1.32
McKittrick	bbl.	.70	- —
Midway - Sunset (except Lakeview)	bbl.	.70	- 1.38
Montebello	bbl.	.77	- 1.42
Mt. Poso	bbl.	.70	- —
Mountain View	bbl.	.70	- 1.30
Newhall	bbl.	.70	- —
Olinda Brea	bbl.	.76	- 1.27
Orcutt	bbl.	.70	- .96
Playa del Rey, f.o.b. pipeline	bbl.	.80	- 1.16
Richfield	bbl.	.76	- 1.06
Rosecrans	bbl.	.84	- 1.04
Round Mt.	bbl.	.70	- —
Santa Fe Springs	bbl.	.78	- 1.42
Santa Paula	bbl.	.70	- 1.01
Seal Beach	bbl.	.79	- 1.19
Signal Hill	bbl.	.80	- 1.21
Terrence	bbl.	.80	- 1.00
Wheeler Ridge	bbl.	.70	- .86
Whittier	bbl.	.76	- .96
Canada:—			
Oil Springs	bbl.	2.17	- —
Petrolia	bbl.	2.10	- —
Central West:—			
Illinois	bbl.	1.28	- —
Lima	bbl.	1.25	- —
Midland (Mich.)	bbl.	.90	- —
Princeton	bbl.	1.15	- —
East Texas	bbl.	1.15	- —
Gulf Coast:—			
Barber's Hill	bbl.	.92	- 1.32
Batson	bbl.	.92	- 1.22
Conroe	bbl.	1.34	- 1.64
Dayton	bbl.	.92	- 1.22
Evangeline	bbl.	.92	- 1.22
Goose Creek	bbl.	.92	- 1.22
High Island	bbl.	.92	- 1.32
Hull	bbl.	.99	- 1.32
Humble	bbl.	.92	- 1.32
Liberty	bbl.	.92	- 1.32
Markham	bbl.	.92	- 1.32
Orange	bbl.	.92	- 1.32
Pettus	bbl.	.92	- 1.32
Pierce Junction	bbl.	1.25	- —
Port Lavaca	bbl.	.92	- 1.32
Refugio, heavy	bbl.	.90	- —
light	bbl.	.99	- —
Saratoga	bbl.	.92	- 1.32
Sour Lake	bbl.	.92	- 1.32
Spindle Top	bbl.	.87	- 1.32
Sugarland	bbl.	.92	- 1.32
Terry	bbl.	.92	- 1.32
West Columbia	bbl.	.96	- 1.32
Kentucky, Tennessee:—			
Oil City, in Stoll lines	bbl.	.100	- —
Somerset	bbl.	1.90	- 1.95
Western Kentucky, all gravities	bbl.	1.22	- —
Louisiana, Arkansas:—			
Bosco	bbl.	1.02	- —
Bull Bayou	bbl.	.71	- 1.02
Caddo	bbl.	.73	- 1.10
Cameron Meadows	bbl.	.82	- 1.12
Cotton Valley	bbl.	.73	- 1.16
De Soto	bbl.	.73	- 1.10
El Dorado	bbl.	.73	- 1.10
Haynesville	bbl.	.73	- 1.10
Homer	bbl.	.73	- 1.10
Iowa	bbl.	.72	- 1.02
Lockport	bbl.	.92	- 1.32
Miller County	bbl.	.73	- 1.10
Nevada	bbl.	.85	- —
Pine Island	bbl.	.84	- 1.06
Rodessa	bbl.	.78	- 1.10
Smackover	bbl.	.75	- .80
Urania	bbl.	.97	- —
Mexico, f.o.b. terminals, Mexican ports—based on contract:—			
Panuco	bbl.	1.00	- —
Tax, 12.363c. per bbl.			
Tuxpan	bbl.	No prices	
Tax, 20.261c. per bbl.			
Midcontinent:—			
Corsicana	bbl.	.89	- —
North Texas	bbl.	.89	- 1.13
Oklahoma-Kansas	bbl.	.86	- 1.15
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.45	- —
Corning	bbl.	1.42	- —
Pennsylvania grade, in Buckeye lines.	bbl.	1.97	- —
Eureka lines.	bbl.	2.12	- —
S.W. Penn lines.	bbl.	2.17	- —
lower district in National Transit lines.	bbl.	2.37	- 2.43
Rocky Mountain:—			
Big Muddy	bbl.	1.11	- —
Cat Creek	bbl.	1.07	- —
Elk Basin	bbl.	1.20	- —
Frannie, heavy	bbl.	.73	- —
light	bbl.	.76	- —
Grass Creek, heavy	bbl.	.73	- —
light	bbl.	1.26	- —
Greybull	bbl.	1.20	- —
Lance Creek	bbl.	.75	- —
Pendera	bbl.	1.05	- —
Rock Creek	bbl.	1.13	- —
Salt Creek	bbl.	.94	- 1.13
Sunburst	bbl.	1.25	- —
South, Central and Southwestern Texas:—			
Cass County	bbl.	.86	- 1.10
Darst Creek	bbl.	.97	- 1.03
Luling	bbl.	.90	- —
Lytton Springs	bbl.	1.00	- —
Mirando	bbl.	.85	- —
Panola County	bbl.	.94	- 1.06
Salt Flat	bbl.	1.03	- —
Saxet	bbl.	.90	- —
Temball	bbl.	1.20	- —
Van	bbl.	.73	- 1.06
Texas Panhandle:—			
Carson-Hutchinson counties	bbl.	.91	- .96
Gray County	bbl.	.89	- .96

Petrol'm. Crude—Potash Iodide

Petroleum, crude, bulk, at wells,
West Texas:—
Artesia, N. M. bbl. .75 - —
Crane bbl. .75 - .90
Crockett bbl. .75 - .90
Eotor bbl. .75 - .90
Glasscock bbl. .75 - .90
Hobbs, N. M. bbl. .65 - —
Hogback bbl. 1.21 - —
Howard bbl. .75 - .90
Jackson, N. M. bbl. .75 - —
Lea, N. M. bbl. .75 - .90
Maljamar, N. M. bbl. .75 - —
Mitchell bbl. .80 - —
Pecos bbl. .75 - .90
Upton bbl. .75 - .90
Winkler bbl. .85 - —

Ether, 30-60°, dms., c.l.,G.S. gal. .15 - —
l.c.l., G.S. gal. .17 - —
tanks, G.S. gal. .15 - —
35-60°, dms., l.c.l., G.S. gal. .35 - —
40-75°, dms., c.l., G.S. gal. .15 - —
l.c.l., G.S. gal. .16 - —
tanks, G.S. gal. .13 - —
laboratory grade, dms., c.l., G.S. gal. .19 - —
l.c.l., G.S. gal. .25 - —
10-gal. lots, G.S. gal. .50 - —

Lacquer, diluent, at refinery:—
California, 49-61, 257 l.b.p., 305 e.p., tanks gal. .12 - —
55-62, 160 l.b.p., 270 e.p., tanks, delvd. Los Angeles gal. .13½- —
San Francisco gal. .14 - —
f.o.b. Richmond gal. .14 - —
Willbridge, Ore.; Ft. Wells, Wash. gal. .14½- —
61-63, 149 l.b.p., 275 e.p., tanks gal. .15 - —
East Coast, tanks gal. .12 - .13½
drums gal. .19 - —
Group 3, tanks gal. .06¾- .06¼

Naphtha, cleaners, at refinery:—
East Coast, tanks gal. .06¼- —
Group 3, tanks gal. .07¾- .07½
tankwagon, Boston, ex-tax, gal. .13 - —
Chicago, inc. 3c. tax gal. .155 - —
Decatur, inc. 3c. tax gal. .185 - —
Des Moines, inc.3c.tax gal. .183 - —
Milwaukee, inc. 4c. tax. gal. .198 - —
Minneapolis-St. Paul, inc. 3c. tax gal. .189 - —
Newark, ex tax gal. .11½- —
New York, ex tax gal. .11½- —
Omaha, ex tax gal. .184 - .20
Philadelphia, ex tax gal. .11½- —
St. Louis, ex tax gal. .152 - —
Syracuse, 150 gals. gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
milk cans gal. .21 - —

high solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J. gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt. gal. .16½- —
80, same basis gal. .16½- .17

hydrogenated, 1, tanks, f.o.b. Bayway, frt. equald. nearest comp. pt. gal. .16 - —
2, same basis gal. .18 - —
3, same basis gal. .16 - —
4, same basis gal. .18 - —

Petroleum, naphtha, V.m.&p., at refinery:—
California, 49.5, 255 l.b.p., 390 e.p., tanks, f.o.b. El Segundo gal. .13½- —
Richmond gal. .14 - —
Willbridge, Ore., Pt. Wells, Wash. gal. .14½- —
54-67, 190 l.b.p., 310 e.p., tanks, delvd. Los Angeles gal. .12½- —
San Francisco gal. .13 - —
East Coast, tanks gal. .10 - —
Group, 3, tanks gal. .07¾- .07½
Pennsylvania, tanks gal. .07½- —
tankwagon, Boston, ex-tax, gal. .16 - —
Chicago, inc. 3c. tax gal. .165 - —
Decatur, inc. 3c. tax gal. .195 - —
Des Moines, inc.3c.tax gal. .168 - —
Milwaukee, inc. 4c.tax gal. .196 - —
Minneapolis-St. Paul, inc. 3c. tax gal. .189 - —
Newark, ex tax gal. .12½- —
New York, ex tax lb. .11½- —
Omaha, ex tax gal. .194 - .204
Philadelphia, ex tax gal. .18 - —
St. Louis, ex tax gal. .152 - —

Solvent, rubber, at refinery:—
California, 60.2-63.5, 167 l.b.p., 230 e.p., tanks, inc. tax gal. .14 - —
62.3, 104 l.b.p., 205 e.p., tanks, inc. tax gal. .14 - —
East Coast, tanks gal. .09½- —
Group 3, light, 120 l.b.p., 260 e.p., tanks gal. .07¾- .07½
standard, 180 l.b.p., 288 e.p., tanks gal. .07¾- .07½

Stoddard (CS 3-26), at refinery):—
East Coast, tanks gal. .02½- —
Group 3, tanks gal. .06¾- .07
tankwagon, Boston, ex tax. gal. .13½- —
Chicago, inc. 3c. tax gal. .14 - —
Decatur, inc. 3c. tax gal. .17½- —
Des Moines, inc.3c.tax gal. .173 - —
Milwaukee, inc. 4c.tax gal. .186 - —
Minneapolis-St. Paul, inc. 3c. tax gal. .164 - —
Newark, ex tax gal. .10½- —
New Orleans, ex tax gal. .11 - —
New York, ex tax gal. .10½- —
Omaha, ex tax gal. .14 - .16
Philadelphia, ex tax gal. .11½- —
St. Louis, ex tax gal. .136 - —

Thinner, at refinery:—
California, 35.5, 300 l.b.p., 413 e.p., low anilin,tanks, f.o.b. Los Angeles gal. .14 - —
Portland, Ore. gal. .15 - —
Richmond gal. .13½- —
Seattle, Wash. gal. .15½- —
42-46, 306 l.b.p., 410 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore. gal. .12½- —
Richmond gal. .12 - —
Southern Calif'nia gal. .11½- —
46.4, 190 l.b.p., 300 e.p., low anilin, tanks, f.o.b. Los Angeles gal. .18 - —
Portland, Ore. gal. .19 - —
Richmond gal. .17½- —
Seattle, Wash. gal. .19½- —
55, 200 l.b.p., 305 e.p., tanks, f.o.b. El Segundo gal. .12½- —
Portland, Ore. gal. .14½- —
Richmond gal. .14 - —
Seattle, Wash. gal. .14½- —

Petroleum, thinner, at refinery,
East Coast, 43-47, tanks gal. .09 - —
47-49, tanks gal. .09 - —
Group 3, tanks gal. .06¾- .06½
Pennsylvania, tanks gal. .06¾- —
tankwagon, tax included:—
Albany gal. .135 - —
Baltimore gal. .12 - .15
Bingham, N. Y. gal. .14 - .16
Boston, 20,000 gals. gal. .12 - —
smaller lots gal. .13 - —
Bridgeport, Conn. gal. .13 - —
Buffalo gal. .14 - —
Camden, N. J. gal. .115 - .135
Chicago gal. .162 - —
Decatur, Ill. gal. .175 - —
Des Moines gal. .173 - —
Milwaukee gal. .183 - —
Minneapolis-St. Paul gal. .179 - —
Newark gal. .10½- —
New York lb. .10½- —
Omaha gal. .15½- .16½
Philadelphia gal. .115 - .135
Pittsburgh gal. .12 - .14
Providence, 20,000 gals. gal. .12 - —
smaller lots gal. .13 - —
Rochester gal. .13 - .16
St. Louis gal. .142 - —
Syracuse gal. .14 - —
Trenton gal. .11¼- .13½
Wilmington gal. .15 - —
contracts, 1,000 gals. gal. .13 - —

Phenobarbital, bots. lb. 4.50 - 4.85
Phenol, USP, dms., c.l. works, frt. equald. lb. .14½- —
l.c.l., same basis lb. .15 - —
tins, c.l., same basis lb. .15½- —
l.c.l., same basis lb. .16 - —
Phenolphthalein, USP, bbls.,dms., 2,000 lbs. lb. .65 - —
bbls., dms., kegs, 100-250 lbs. lb. .67 - —
yellow, bbls. lb. .60 - —
Phenyl chloride, dms. lb. .16 - —
Phenylacetaldehyde, bots. lb. 4.65 - 5.25
Phenylhydrazin hydrochloride,CP, bots., works lb. 3.80 - 5.10
commercial, kgs., works lb. 3.80 - 6.50
pure, bots., works lb. 2.96 - 5.25
Phloroglucinol, CP, tins,works. lb. 20.00 - 22.00
tech., tins, works lb. 15.00 - 16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 70% min., bulk, mines long ton. 4.35 - —
land pebble, 68% min., bulk, mines long ton. 1.85 - —
70% min., bulk, mines long ton. 2.35 - —
72% min., bulk, mines long ton. 2.85 - —
75% basis, 74% min., bulk mines long ton. 3.35 - —
Tenn., 72%, bulk, mines long ton. 4.50 - —
75%, bulk, mines long ton. 5.50 - —
Phosphorus, red, cs. lb. .40 - .44
Yellow, cs. lb. .28 - .37½
Oxychloride, cyls. lb. .16 - .20
Sesquisulphide, cs. lb. .38 - .42
Trichloride, cyls. lb. .16 - .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R. lb. .14½- —
l.c.l., same basis lb. .15½- —
Pichi leaves, bgs. lb. .08 - .10
Pilocarpine hydrochloride, bots., vls. oz. 2.50 - 2.75
Nitrate, bots., vls. oz. 2.40 - 2.65

Pimento, bgs. lb. .13 - .13½
Pinkroot, bls. lb. .34 - .36
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works ton. 19.00 - —
l.c.l. ton. 22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron ton. 20.00 - 21.00
f.o.b. works ton. 15.00 - —
Linseed, dms. lb. .04½- .05
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls. bbl. 4.00 - 4.50
Stearin, dms. lb. .03 - .04½
Plaster of paris (see Gypsum).
Pleurisy root, bls. lb. .12 - .18
Podophyllin, cns. lb. 8.00 - 8.25
Poke root, bls. lb. .06½- .07
Pomegranate bark, bgs. lb. .18 - .19
Root bark, bgs. lb. .40 - .41
Poppy flowers, red, bls. lb. .35 - .40
Seed, Dutch, bgs. lb. .0590-.0625
Hungarian, bgs. lb. .0640-.0670
Polish, bgs. lb. .05¾- .06¼
Potash acetate, USP, bbls.,kgs. lb. .26 - .28
50% sol., bbls. lb. .08½- .09
Bicarbonate, USP, cryst., bbls. lb. .09 - .12
gran., bbls. lb. .10 - .12
Bichromate, bbls. lb. .06½- .09
Binoxalate, dms. lb. .23 - —
Bisulphate, kgs. lb. .15½- .19
Bromide, bbls. lb. .31 - .32
Carbonate, calc., 99-100%,cks. lb. .08½- .09
96-98%, cks., c.l., Bost., Balto. arrival lb. .06¾- —
l.c.l., 5 or over, same basis lb. .07¼- —
N. Y. arrival lb. .07¼- —
N. Y. stocks lb. .07¼- —
less than 5, Bost., Balto. arrival lb. .07¼- —
N. Y. arrival lb. .07¼- —
N. Y. stocks lb. .07¼- —
80-85%, cks. lb. .07¼- .07½
hydrated, 88-95%, bbls., c.l., works lb. .06 - —
l.c.l., 10 or over lb. .06½- —
1-9 lb. .06¾- —
liquid, dms., dlvd. lb. .06½- .25½
USP, gran., bbls. lb. .16 - —
powd., bbls. lb. .19 - —
Caustic, flake, 88-92%, dom., dms., c.l., works lb. .07 - —
l.c.l. lb. .07¼- .07½
import., dms. lb. .07 - .07½
liquid, 45% basis, dms. lb. .05½- .06¼
tanks lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works lb. .06½- —
l.c.l. lb. .06½- .09½
import., cnks. lb. .06¼- .09½
Chlorate cryst., kgs. lb. .09¼- .09½
gran., kgs. lb. .12 - .13
powd., kgs. lb. .08½- .09½
Chloride, tech., 98%, cryst., bbls. lb. .04 - .04½
Chromate, kgs. lb. .28 - .36
Citrate, USP, gran., bbls., 250 lbs. lb. .37 - —
kgs., 100 lbs. lb. .38 - —
cns., 50 lbs. lb. .39 - —
cns., 25 lbs. lb. .41 - .43
Cyanide, cns., dms. lb. .55 - .60
Glycerophosphate, 75% sol., cns., 100 lbs. lb. 1.35 - 1.80
Guaiacolsulphonate, cns. lb. 1.65 - 1.70
Hydroxide, USP, sticks, cns. lb. .34 - .37
Hypophosphite, cns. lb. .72 - .77
Iodate, bbls. lb. 3.20 - 3.25
Iodide, bbls., fib. dms. lb. 1.10 - 1.15

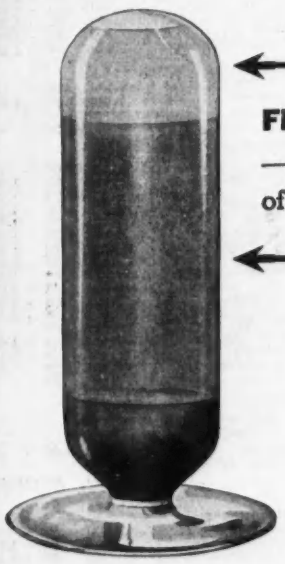
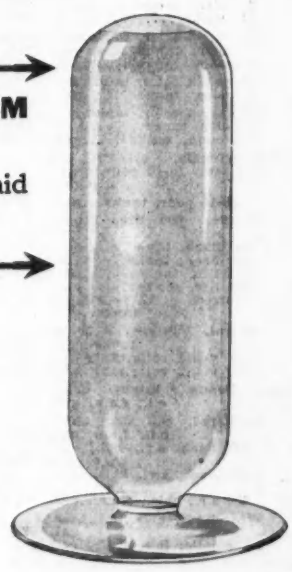


Fig. 1. CLOUDY VARNISH
—separated in layers because of low-solvency thinners used.

Fig. 2. CLEAN, UNIFORM VARNISH
—held together with the aid of Sunoco Spirits.



SUNOCO *Spirits*

prevents separation . . .

Varnishes remain clear and uniform

Resins and oils are held in stable combination by Sunoco Spirits' high solvency. This thinner reduces the precipitation of driers and soaps, formed by basic pigments and acid vehicles interacting.

Sunoco Spirits aids in the manufacture of finishes which remain *clear and uniform*, in contrast to varnishes, frequently formulated, which separate out as in Figure 1.

For details on Sunoco Spirits, the thinner with many points of superiority, write

SUN OIL COMPANY
1608 Walnut Street Philadelphia, Pa.

Potash, kainit, high-grade, 20% K_2O, bulk, shipt..unit-ton. .55 - —
Manure salt, dom., 27-31%, bulk, c.l.f. ports..unit-ton. .46 - —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton. .43 - —
import., 80% K_2O, bulk, shipt. unit-ton. .48 - —
Metabisulphite, kgs.....lb. .13½- —
Muriate, dom., all strengths, min. 50% K_2O, bulk..unit-ton. .45 - —
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports..unit-ton. .45 - —
Potash muriate prices in bags are $2 ton higher than bulk price.
Nitrate, crude, 95%, for fert. use, bulk, bgs., c.l.f. ports. ton.45.00 -46.80
Oxalate, pure, cryst., kgs....lb. .80 - .81
tech., bbls.....lb. .29 - .29
Perchlorate, kgs., works.....lb. .09 - .11
Permanganate, tech., dms...lb. .18½- .19
USP, dms.....lb. .18½- .19
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .18 - .19
Sulphate, NF, bbls.....lb. .13 - .14
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports..ton.33.75 - —
Vegetable, bulk, f.o.b. Balto.ton.19.97 Nom.
Xanthate, dms., c.l.....lb. .13 - —
l.c.l.....lb. .13½- —
Potash-magnesia sulphate, 45-55%, min. 48%, bgs., shipt. ton.22.25 - —
Potash-titanium oxalate, kgs..lb. .55 - .56
Prickly ash bark, bls.....lb. .13 - .14
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .17½- .18
Propane, tanks, G.S.....gal. .01½- .04¾
cyls., 100 lbs., G.S.....gal. .40 - —
Psyllium seed (see Flaxseed).
Pulsatilla, bls.....lb. .15 - .16
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works...lb. .04 - —
0, 0½, 0¾, and ⅛, bbls., 0, 0-½, 0-¾, and ⅛, bbls., 3 or over, works..lb. .04 - —
less than 3, works...lb. .04½- —
Ital.-grd., bgs., c.l., shipt., ex dock, N.Y...ton.33.00 - —
l.c.l., 5-29 tons, ex whse. ton.33.00 - —
1,000-10,000 lbs., ex whse..ton.29.00 - —
2 bgs. to 1,000 lbs., ex whse..ton.41.00 - —
single bgs., ex whse.ton.46.00 - —
Pumpkin seed, bgs.....lb. .09¼- .12
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.00 - —
linseed oil, raw, dms....100 lbs. 4.75 - —
refined, dms.....100 lbs. 5.25 - —
standard, dms.....100 lbs. 3.75 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 4.25 - 4.00
standard make.....gal. 4.25 - 4.00
outside brands.....gal. 3.75 - —
basis 3.6% pyrethrins, dms. (incl.) frt. alld. E. of Rockies, standard brand. gal. 6.25 - 6.00
Pyrethrum flowers, Japan, 1935 crop, bls. 15 tons or over, ex whse. N. Y..lb. .07½0- —
afloat.....lb. .07½0- —
1936 crop, basis 0.90% pyrethrins (Gnadinger test), bls. 15 tons or over, c.i.f. N.Y., July-Dec..lb. .07½- —
coarse, grnd. (g.f.p.), Japan, bgs., 15 tons or over..lb. .11½- —
fine powd., Dalmat., bbls., kgs..lb. .16 - .17
Japan, bbls., 5 tons.....lb. .14 - —
Pyridin, denaturing, dms.....gal. 1.30 - —
refd., 2°, dms.....lb. .40 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12 - .13
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins.lb. 4.60 - —

Q

Quassia, chips, bls.....lb. .06 - .07
Quebracho extract, liquid, 25% tan., bbls., works..lb. .03½- —
tanks, works.....lb. .02¾- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .03¾- —
clarified, 64%, bgs., c.l., same basis..lb. .03¾- —
Queen of the meadow, bgs.....lb. .06 - .07
Root, bgs.....lb. .06 - .07
Quercitron, extract, liquid, 51°, bbls..lb. .06 - .08
solid, dms.....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd. N. Y..flask.75.50 -76.50
Quince seed, bgs.....lb. .45 - 1.35
Quinidine, cryst., cns.....oz. .96 - .96
Sulphate, cns.....oz. .67 - —
Quinine, cns.....oz. .72 - —
Acetate, cns.....oz. .96 - —
Arsenate, cns.....oz. .96 - —
Arsenite, cns.....oz. .96 - —
Bisulphate, cns.....oz. .51 - —
Citrate, cns.....oz. .65 - —
Dihydrobromide, bots.....oz. .72 - —
Dihydrochloride, bots.....oz. .72 - —
Ethylcarbonate, cns.....oz. .67 - —
Ferrocyanide, cns.....oz. .99 - —
Formate, cns.....oz. .91 - —
Glycerophosphate, cns.....oz. 1.11 - —
Hydrochloride, cns.....oz. .65 - —
Hydrochlorosulphate, cns....oz. .72 - —
Hydriodide, cns.....oz. .96 - —
Hypophosphite, cns.....oz. .96 - —
Phosphate, cns.....oz. .80 - —
Salicylate, cns.....oz. .70 - —
Sulphate, cns.....oz. .51 - —
Sulphocarbolate, cns.....oz. .94 - —
Tannate, cns.....oz. .55 - —
Tartrate, cns.....oz. .94 - —
Valerate, cns.....oz. .90 - —
Quinine-urea hydrochloride, cns.oz. .72 - —

R

R salt, bbls.....lb. .53 - .97
Rapeseed, Belgian, bgs.....lb. .04½- .05
Dutch, bgs.....lb. .05½- .06¾
Japanese, bgs.....lb. .04½- .04¾
Raspberries, dried, bbls.....lb. .40 - .45
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.....lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1½c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Red, amaranth (see Red, maroon, lake).
Cadmium, lithopones, deep shade, bbls., ton lots, works, frt. alld..lb. .30 - —
smaller lots, same basis. lb. .35 - —
kgs., ton lots, same basis. lb. .35 - —
smaller lots, same basis. lb. .90 - —
light shade, bbls., ton lots, same basis..lb. .65 - —
smaller lots, same basis. lb. .70 - —
kgs., ton lots, same basis. lb. .70 - —
smaller lots, same basis. lb. .75 - —
light-medium shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis. lb. .75 - —
kgs., ton lots, same basis. lb. .75 - —
smaller lots, same basis. lb. .80 - —
maroon shade, bbls., ton lots, same basis..lb. .90 - —
smaller lots, same basis. lb. .95 - —
kgs., ton lots, same basis. lb. .95 - —
smaller lots, same basis. lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 - —
Selenide, bbls., c.l., works.lb. 2.00 - —
l.c.l., works.....lb. 2.50 - —
Orange, bbls., c.l., works.lb. 1.50 - —
l.c.l., works.....lb. 1.75 - —
Carmine 40, cns., 500 lbs....lb. 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - —
Crocus martis (see Red, purple oxide).
Eosin, kgs.....lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.65 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls., lb. 1.19 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .06½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kgs., same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04¾- —
ex whse., Chicago, St. Louis..lb. .04¾- —
San Fran., Los Ang., Portland, Seattle....lb. .05 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .25
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .35
Spanish oxide, 1, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila.lb. .03½- —
f.o.b. St. Louis.....lb. .03¾- —
l.c.l., f.o.b. Bethlehem, Easton, N.Y.,. N. Orleans, Phila..lb. .03¾- —
St. Louis.....lb. .04 - —
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .04½- —
ex whse., Chgo., Cleve., Pgh..lb. .04¼- —
2, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila..lb. .02¾- —
f.o.b. St. Louis.....lb. .03 - —
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila..lb. .03 - —
St. Louis.....lb. .03½- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾- —
ex whse., Chgo., Cleve., Pgh..lb. .03½- —
3 bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila..lb. .0265- —
f.o.b. St. Louis.....lb. .0290- —
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila..lb. .0290- —
St. Louis.....lb. .0315- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾- —
ex whse., Chgo. Cleve., Pgh..lb. .0340- —
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N.Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30¾- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33¼- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .28 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .15¾- —
Venetian, bbls., works.....lb. .0190- —
10%, bbls., works.....lb. .0215- —
12%, bbls., works.....lb. .02¼- —
20%, bbls., works.....lb. .02½- —
25%, bbls., works.....lb. .02¾- —
30%, bbls., works.....lb. .03 - —
35%, bbls., works.....lb. .0325- —
40%, bbls., works.....lb. .03¾- —
Vermilion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500-lbs..lb. 1.59 - —
smaller lots.....lb. 1.69 - 1.79
Red dyes are listed under Dyes.
Red precipitate, bxs., fib. dms., kgs., 100-lbs..lb. 1.44 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., cns., works..lb. .75 - .80
USP, cryst., cns., kgs., works.lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots.....lb. 5.75 - 9.00
Rhubarb, root, bbls., cs., kgs..lb. .30 - .31
powd., bbls., kgs.....lb. .34 - .35
Rochelle salt, cryst., bbls.....lb. .14 - —
powd., bbls.....lb. .13 - —
Rose flowers, pale, bls.....lb. .15 - .16
Red, bls.....lb. 1.60 - 1.70
Water, triple.....djn. 4.75 - 6.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls., ex dock. 280 lbs. 4.95 - —
D, bbls.....280 lbs. 5.40 - —
E, bbls.....280 lbs. 5.50 - —
F, bbls.....280 lbs. 5.70 - —
G, bbls.....280 lbs. 5.70 - —
H, bbls.....280 lbs. 5.70 - —
I, bbls.....280 lbs. 5.75 - —
K, bbls.....280 lbs. 5.75 - —
M, bbls.....280 lbs. 5.80 - —
N, bbls.....280 lbs. 5.80 - —
W. G., bbls.....280 lbs. 5.85 - —
W. W., bbls.....280 lbs. 5.85 - —
X, bbls.....280 lbs. 5.95 - —
Rosin, wood, F.F., bbls., spot. 280 lbs. 5.02 - 6.10
works.....280 lbs. 4.30 - —
I, bbls., spot.....280 lbs. 5.47 - 6.50
works.....280 lbs. 4.45 - —
M, bbls., spot.....280 lbs. 5.57 - 6.60
works.....280 lbs. 4.55 - —
N, bbls., spot.....280 lbs. 5.87 - 6.90
works.....280 lbs. 4.95 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
Import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .21 - .23

S

Sabadilla seed, powd., bbls....lb. .20 - .21
Saccharin, cns., 1,000 lbs.....lb. 1.70 - —
smaller lots.....lb. 1.75 - 1.90
Safflower, bls.....lb. .33 - .35
Saffron, Mexican, bls.....lb. .50 - .55
Spanish, tins.....lb. 11.25 -11.50
Safrol, cns.....lb. .07 - —
dms.....lb. .54 - —
Sage leaves, Dalmat., fancy, bls. lb. .07 - .07½
stemless, bls.....lb. .06¼- .06½
Sage flour, bgs.....lb. .02¾- .03¾
Salicin, cns.....lb. 4.00 - 4.25
Salol, kgs.....lb. .90 - .95
Salt, reclaimed, bgs., c.l., dlvd., N. Y..ton.13.40 - —
vacuum, common, fine, bgs., c.l., dlvd. N.Y....ton.14.06 -14.58
l.c.l., dlvd. N.Y.....ton.17.00 - —
Saltcake, grd., dom., bbls., works. ton.19.00 -23.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.i.f.....ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, crude (see Potash nitrate).
dbl. refined, cryst., bbls., 25 to c.l.....100 lbs. 6.90 - 7.65
5-24.....100 lbs. 7.00 - 7.75
1-4.....100 lbs. 7.25 - 8.00
gran., bbls., 25 to c.l.100 lbs. 5.90 - —
5-24.....100 lbs. 6.00 - —
1-4.....100 lbs. 6.25 - —
powd., bbls., 25 to c.l.100 lbs. 6.90 - —
5-24.....100 lbs. 7.00 - —
1-4.....100 lbs. 7.25 - —
Santonin, cryst., cns.....lb. 43.00 -45.00
Saponin, cns.....lb. 1.45 - 1.50
Sarsaparilla root, Honduras, bls. lb. .45 - .50
Mexican, bls.....lb. .11 - .12
Sassafras bark, ord., bls.....lb. .11 - .12
select, bls.....lb. .19 - .21
Savory, bls.....lb. .07 - .07½
Saw palmetto berries, bgs.....lb. .18 - .20
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .48 - .50
Seidlitz mixture, bbls.....lb. .11½- —
kegs.....lb. .11½- —
Senega root, bls.....lb. .35 - .36
Senna leaves, Alexandria, bls. lb. .06 - .15
Tinnevelly, No. 1, bls.....lb. .11 - .12
2, bls.....lb. .07½- .08
3, bls.....lb. .05½- .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .09 - .10
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. .45 - .46
Shellac, bleached, bonedry, bbls., f.o.b. N.Y..lb. .19 - .20
dlvd. Boston.....lb. .19½- .20½
Chicago.....lb. .20 - .21
Pacific Coast.....lb. .22 - .23
refd., bbls., f.o.b. N.Y.....lb. .27 - —
dlvd. Boston.....lb. .27½- —
Chicago.....lb. .28 - —
Pacific Coast.....lb. .30 - —
Garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N.Y..lb. .15½- .16
dlvd. Chicago.....lb. .16½- .17
Pacific Coast.....lb. .18½- .19
T.N., bgs., f.o.b. Bost., N.Y. lb. .14½- .15
dlvd. Chicago.....lb. .15½- .16
Pacific Coast.....lb. .17½- .18
Shellac, varnish, orange, 5-lb. cut, bbls..lb. .90 - 1.05
4½-lb. cut., bbls.....gal. .85 - 1.00
4-lb. cut, bbls.....gal. .80 - .95
white, 5-lb. cut, bbls.....gal. 1.05 - 1.20
4½-lb. cut, bbls.....gal. 1.00 - 1.15
4-lb. cut bbls.....gal. .95 - 1.10
Silica, amorph., dry-grd., 95-97% 325 mesh, bgs., c.l., works. ton.20.00 - —
l.c.l., 2½ tons, works. ton.21.50 - —
smaller lots, works. ton.28.00 - —
95-97% 400 mesh, bgs., c.l., works..ton.35.00 - —
l.c.l., 2½ tons, works. ton.36.50 - —
smaller lots, works. ton.38.00 - —
wet-grd., 95-97% 325 mesh, bgs., c.l., works. ton.21.00 - —
l.c.l., 2½ tons, works. ton.22.50 - —
smaller lots, works. ton.24.00 - —
99-99% 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works. ton.23.50 - —
smaller lots, works. ton.25.00 - —
99% 325 mesh, bgs., c.l., works..ton.24.00 - —
l.c.l., 2½ tons, works. ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.14.00 - —
l.c.l., works.....ton.17.00 - —
Silver, bullion.....oz. .44¼- —
Govt. purchase.....oz. .7757- —
Nitrate, vis.....oz. .32¾- .34¾
Nucleinate, cns., 500 ozs....oz. .35 - .36
Proteinate, cns., 500 ozs....oz. .34 - .35
Simarubra bark, bls.....lb. .30 - .32
Skatol, bots.....oz. 4.00 -10.00

Potash, Kainit—Soda, Cyanide

Skullcap, Eastern, bls.....lb. .16 - .17
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works. ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .09½- .10
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls.....lb. .06½- .07
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda acetate, dms.....lb. .08 - —
Acetate, anhyd., dms.....lb. .09½- .13
flake, 60%, dms.....lb. .04½- .07
Alginate, dms.....lb. .64 - —
Antimoniate, bbls.....lb. .12¾- .13½
Arsenate, dms.....lb. .09½- .11½
Arsenite, liq., dms.....lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
1A.....100 lbs. 2.18 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.53 - —
4.....100 lbs. 2.98 - —
5.....100 lbs. 2.20 - —
bbls., c.l., works.....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A.....100 lbs. 2.42 - —
2.....100 lbs. 2.52 - —
3.....100 lbs. 2.77 - —
4.....100 lbs. 3.17 - —
5.....100 lbs. 2.47 - —
bulk, c.l., works....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
1A.....100 lbs. 2.13 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.88 - —
5.....100 lbs. 2.20 - —
bbls., c.l.....100 lbs. 1.60 - —
l.c.l., Zone 1.....100 lbs. 2.47 - —
1A.....100 lbs. 2.52 - —
2.....100 lbs. 2.62 - —
3.....100 lbs. 2.87 - —
4.....100 lbs. 3.27 - —
5.....100 lbs. 2.57 - —
bulk, c.l.....100 lbs. 1.05 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.20 - 1.28
l.c.l., Zone 1.....100 lbs. 2.08 - —
1A.....100 lbs. 2.13 - —
2.....100 lbs. 2.28 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.88 - —
5.....100 lbs. 2.20 - —
bbls., c.l., works..100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A.....100 lbs. 2.42 - —
2.....100 lbs. 2.52 - —
3.....100 lbs. 2.77 - —
4.....100 lbs. 3.17 - —
5.....100 lbs. 2.47 - —
bulk, c.l.....100 lbs. 1.05 - —

Soda ash l.c.l. prices are for 5 or more pkgs. of one sort, dlvd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs. ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. E. States (in Me., N.H., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane)

Benzoate, USP, kgs.....lb. .46 - .50
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works. 100 lbs. 1.85 - —
l.c.l., dlvd. N.Y....100 lbs. 2.55 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N.Y....100 lbs. 2.80 - —
Bichromate, cake.....lb. .06¾- .07
Bifluoride, bbls.....lb. .11¼- .12
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 35-40%, obys., c.l., works..100 lbs. 1.95 - 2.10
Bromide, bbls.....lb. .31 - .33
Cacodylate, jars.....lb. 6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated, soda, sal).
Caustic, flake, 76%, grd., powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works. 100 lbs. 3.00 - —
l.c.l., Zone 1...100 lbs. 4.00 - —
1A.....100 lbs. 4.05 - —
2.....100 lbs. 4.15 - —
3.....100 lbs. 4.40 - —
4.....100 lbs. 4.80 - —
5.....100 lbs. 4.65 - —
electro. process, dms., c.l., works..100 lbs. 2.95 - —
l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works.... 100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works.... 100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.60 - —
l.c.l., Zone 1...100 lbs. 3.60 - —
1A.....100 lbs. 3.65 - —
2.....100 lbs. 3.75 - —
3.....100 lbs. 4.00 - —
4.....100 lbs. 4.40 - —
5.....100 lbs. 3.65 - —
electro process, dms., c.l., works..100 lbs. 2.55 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .09
powd., bgs., c.l., works..lb. .06¾- —
l.c.l., works.....lb. .07 - .09¾
Citrate, USP VIII, gran., bbls., 225 lbs..lb. .28 - —
cns., 50 lbs.....lb. .25 - —
25 lbs.....lb. .27 - .28
kgs., 100 lbs.....lb. .24 - —
USP X, gran., bbls., 250 lbs. lb. .29½- —
cns., 50 lbs.....lb. .31½- —
25 lbs.....lb. .33½- .34½
kgs., 100 lbs.....lb. .30½- —
powd., bbls., 250 lbs.....lb. .30 - —
cns., 50 lbs.....lb. .32 - —
25 lbs.....lb. .34 - .35
kgs., 100 lbs.....lb. .31 - —
Cyanide, 96-98%, dom., dms..lb. .15½- .17½
import., cs.....lb. .16¾- .17

Soda Fluoride—Whiting Precip.

Soda, fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08½- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .50 - —
50%, cns.....lb. .55 - —
Hydrosulphite, bbls.....lb. .18 - .19
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hypophosphite, cns.....lb. .67 - .73
Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
gran., bbls.....100 lbs. 2.50 - 3.05
gran., bbls.....100 lbs. 2.75 - 6.30
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Metanilate, kgs.....lb. .41 - .43
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., dlvd.....100 lbs. 3.80 - 8.95
gran., bbls.,c.l.,works.100 lbs. 2.30 - —
l.c.l. dlvd.....100 lbs. 2.75 - 6.00
Molybdate, tech., anhyd., kgs., lb. .75 - .80
cryst., kgs.....lb. .65 - .70
Monohydrated, bbls.....100 lbs. 2.60 - —
works.....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .09 - —
Naphthionate, bbls.....lb. .53 - .54
Nitrate, crude, 100 lb.-bgs. June dlvy, fert. mfrs. indust. buyers, ports..ton.26.50 - —
200 lb.-bgs., same basis.ton.25.80 - —
bulk, same basis.....ton.24.50 - —
rfd., gran., bbls.....100 lbs. 2.25 - —
powd., bbls.....lb. .05¾- —
Nitrite, 98-99%, dom., bbls., c.l. lb. .0710-.0735
l.c.l. .0695-.1175
Oxalate, neut., bbls., kgs.....lb. .09 - .11
Perborate, NF, bbls.....lb. .17 - .18
Phosphate, dibasic, tech., bgs., c.l., E. works..100 lbs. 1.90 - —
l.c.l., E. works..100 lbs. 2.15 - —
bbls. c.l., E. works..... 100 lbs. 2.10 - —
l.c.l., E. works..100 lbs. 2.35 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. .....100 lbs. 8.35 - —
Tribasic, bgs. c.l. dlvd. E.... 100 lbs. 2.00 - —
l.c.l., 8,500 lbs. or over. 100 lbs. 2.40 - —
less than 3,500 lbs..... 100 lbs. 2.80 - —
bbls., c.l. dlvd E.....100 lbs. 2.20 - —
l.c.l., 3,500 lbs. or over... 100 lbs. 2.60 - —
less than 3,500 lbs..... 100 lbs. 3.00 - —
kgs. c.l. dlvd E.....100 lbs. 2.70 - —
l.c.l., 3,500 lbs. or over... 100 lbs. 3.10 - —
less than 3,500 lbs..... 100 lbs. 3.50 - —
Soda phosphate, tribasic, prices in West are 15c. to 25c. per 100 lbs. higher, depending on location.
Picramate, kgs.....lb. .67 - .69
Prussiate, yellow, dom., bbls., works, contracts..lb. .11½- —
prompt shipmt.....lb. .12 - .13
import, cks., contracts....lb. .11½- —
prompt shipmt., cks...lb. .12 - —
Pyrophosphate, anhyd., bbls..lb. .10 - —
cryst., bbls.....lb. .09½- —
Sal, bgs. dlvd. N.Y.....100 lbs. 1.20 - —
works.....100 lbs. 1.00 - —
bbls., dlvd. N.Y.....100 lbs. 1.30 - —
works.....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works... 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
42°, dms., c.l., works.100 lbs. 1.35 - —
l.c.l., 5 or more, works... 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls.....lb. .05¾- .06
import., bbls.....lb. .05¾- .06
Stannate, dms.....lb. .29½- .32½
Stearate, lump, bbls., works.lb. .20 - —
powd., bbls., works.....lb. .23 - —
Sulphate, anhyd., bgs., 5 tons or over, dlvd. Boat., N.Y., Phila. areas, or f.o.b. Boat., Jersey City, N.Y., Norfolk, Phila., or frt.equald.100 lbs. 1.15 - —
less than 5 tons, same basis..100 lbs. 1.40 - —
bbls., 5 tons or over, same basis..100 lbs. 1.80 - —
less than 5 tons, same basis..100 lbs. 1.55 - —
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd.. 100 lbs. 3.00 - —
flake, chips, broken, bbls., c.l. works..100 lbs. 3.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd... 100 lbs. 4.25 - —
solid, bbls., c.l.,works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd... 100 lbs. 3.75 - —
Sulphite, cryst., bgs....100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Tungstate, CP, kgs.....lb. 1.30 - 1.40
tech., kgs.....lb. .85 - .90
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .26 - —
tanks, same basis.....gal. .31 - —
Water-white, dms.,works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .23 - .25
Spikenard root, bls.....lb. .08 - .09
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07½- .08
powd., bbls., bxs.....lb. .15 - .16
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06 Nom.
Starch, corn, pearl, bgs...100 lbs. 3.19 - 3.39
powd., bgs.....100 lbs. 3.39 - 3.49
Iodide, bots.....lb. 1.87 - 1.92
Potato, dom., bgs.....lb. .04½- .05½
import, bgs.....lb. .05¾- .06
Rice, bbls.....lb. .07¾ Nom.
Wheat, bgs.....lb. .09¼- .09¾
Staveacre seed, bgs.....lb. .35 - .40
Stearin, oleo, bbls.....lb. .07¼- .07½
Stillingia root, bls.....lb. .07 - .08
Stoneroot, bls.....lb. .06½- .07
Storax, cs.....lb. .25 - .28
Stramonium leaves, bls.....lb. .07 - .08
Seed, bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., works, bbls...lb. .09¾- .09¾
import., cks.....lb. .09¼- .16½
Strophanthus seed, Kombe, bgs.lb. 1.50 - 1.75
Strychnine, cryst., cns.....oz. .53 - .57
powd., cns.....oz. .53 - .57
Acetate, cns.....oz. .76 - —
Arsenate, cns.....oz. .76 - —
Arsenite, cns.....oz. .76 - —
Glycerophosphate, cns.....oz. .76 - —
Hydrochloride, cns.....oz. .76 - —
Hypophosphite, cns.....oz. .86 - —
Nitrate, cns.....oz. .71 - —
Phosphate, cryst., cns.....oz. .76 - —
Sulphate, cryst., cns.....oz. .54 - .56
powd., cns.....oz. .44 - .46
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .60 - .65
Milk, bbls., c.l.....lb. .12 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10.....lb. .16 - .17
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts..long ton.18.00 - —
less than 1,000 tons, mines, contracts..long ton.20.00 - —
c.l., spot, nearby..long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports. long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs.....100 lbs. 3.00 - 3.75
bbls.....100 lbs. 3.35 - 4.10
rfd., broken, bgs.....100 lbs. 2.15 - 2.90
bbls.....100 lbs. 2.30 - 2.95
flour, com'l, bgs.....100 lbs. 1.60 - 2.35
bbls.....100 lbs. 1.95 - 2.70
rfd., ext. fine, bbls..100 lbs. 3.20 - 3.95
heavy, bgs.....100 lbs. 2.55 - 3.30
bbls.....100 lbs. 2.90 - 3.65
light, bgs.....100 lbs. 2.65 - 3.40
bbls.....100 lbs. 3.00 - 3.75
roll, bgs.....100 lbs. 2.35 - 3.10
bbls.....100 lbs. 2.50 - 3.25
Sulphur chloride, dms., works..lb. .03½- .04
tanks, works.....lb. .03 - .04
Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .11 - .15
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.80 - 3.85
Sumac, Sicilian, grd., bgs....ton.62.00 Nom.
Extract, 42°, bbls.....lb. .04¼- .06½
51°, bbls.....lb. .06½- .08½
Stainless, bbls.....lb. .08¼- .09¾
Leaf, Sicilian, bls.....ton.57.00 Nom.
Sunflower seed, Calif., large, bgs. lb. .07 - .07½
medium, bgs.....lb. .06½- .07
poultry, bgs.....lb. .05 - .05½
Superphosphate, guaranteed 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 44-45% a.p.a., bulk, f.o.b. Balto..unit-ton. .75 - —

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Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94% 325 mesh, bgs., c.l., mills. ton.13.00 - —
l.c.l., mills.....ton.15.00 - —
96-98% 325 mesh, bgs., c.l., mills..ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
coarse, off color, bgs., c.l., mills..ton.10.00 - —
Ohio, alum-magn. type, grd. bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills..ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Import, Canad., bgs., c.l., dlvd. ton.28.00 - —
l.c.l., dlvd.....ton.28.50 - —
French, high-grade, bgs.,l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.75.00 -77.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.70.00 -72.00
ex whse.....ton.75.00 - —
Tallow, animal edible, bbls....lb. .06¾ Nom.
extra, loose, works.....lb. .04¾- .04½
special loose works.....lb. .04¼- .04⅝
sulphonated, 35% (24% fat), dms., c.l..lb. .06 - —
l.c.l. .....lb. .06¼- —
50% (43% fat), dms., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
50% (43% fat), dms., c.l..lb. .07 - —
l.c.l. .....lb. .07½- —
Tamarinds, W. I., bbls.....lb. .06 - .07
kegs .....keg 4.50 - 5.00
Tankage, animal, dom., grd., 10-15%, bulk....unit-ton. 2.60 & .10
ungr., 10-15% bulk, unit-ton. 2.45 & .10
fertilizer grade, 11-15%, bulk, Chicago..unit-ton. 2.40 & .10
high-grade, feeding, 11-12%, bulk, Chicago..unit-ton. 2.75&.10
import., S. Amer., bulk, c.i.f. ports, June shipt..unit-ton. 2.90 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03½- .05½
Tar, pine, retort, bbls.,dlvd. ports gal. .26 - —
dms., c.l.,dlvd. E. cities.gal. .26 - —
dlvd. ports.....gal. .25 - —
tanks, dlvd. E. cities....gal. .20 - —
Tar acid oil, 15%, dms.....gal. .22½- .23½
25%, dms.....gal. .24½- .25½
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
powd., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
USP, powd., bbls.....lb. .30 - .30½
Terebene, cns.....lb. .70 - .75
Terpenyl acetate, cns.....lb. .85 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms. .....lb. .23 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts .....lb. .13¾- —
tanks .....lb. .14 - —
contracts .....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works.lb. .06 - .06½
Tetrachloroethylene, CP, dms..lb. .25 - .28
tech., dms.....lb. .10 - .16½
Tetralin, dms.....lb. .12 - —
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.20 - —
Thyme, French, bls.....lb. .11 - .12
Thymol, bots., 100 lbs.....lb. 1.55 - —
smaller lots.....lb. 1.60 - 1.85
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Tin, crystals, bbls., kgs.....lb. .34½- .35
Metal, Straits.....lb. .44 - —
Oxide, bbls.....lb. .50 - .52
Tetrachloride, anhyd., bbls..lb. .22 - —
Titanium dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .17 - —
Pac. cst., f.o.b. terminal..lb. .17 - —
l.c.l., 5 tons, E., dlvd....lb. .17½- —
Pac. cst., ex whse....lb. .17¾- —
1 ton, E., dlvd.....lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
300 lbs., E., dlvd.....lb. .18½- —
Pac. cst., ex whse....lb. .18½- —
bbls., c.l. (20 tons), E., frt. alld..lb. .17¾- —
l.c.l., 5 tons, E., dlvd....lb. .17¾- —
1 ton, E., dlvd.....lb. .18¼- —
300 lbs., E., dlvd.....lb. .18¾- —
Pigment, barium base, bgs., c.l. (20 tons), E., frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., dlvd...lb. .06 - —
Pac. cst., ex whse..lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
400 lbs., E., dlvd.....lb. .06¾- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., dlvd..lb. .06¾- —
400 lbs., E., dlvd.....lb. .06¾- —
calcium base, c.l. (20 tons), E. frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., dlvd..lb. .06 - —
Pac. cst., ex whse..lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
400 lbs., E., dlvd.....lb. .06¾- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., dlvd...lb. .06¾- —
400 lbs., E., dlvd.....lb. .06¾- —
Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu balsam, cns.....lb. .50 - .55
Toluidin, mixed, dms.,.....lb. .27 - .28
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .35 - .40
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .26 - —
Triamylamine, dms., l.c.l., works. lb. 1.25 - —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .060 - —
W. of Rockies.....lb. .090 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .44½- —
dms., c.l., dlvd.....lb. .30½- —
500 lbs., dlvd.....lb. .34½- —
tech., 1, cns., dlvd.....lb. .23 - —
dms., c.l., dlvd.....lb. .21 - —
500 lbs., dlvd.....lb. .23 - —
2, cns., dlvd.....lb. .21 - —
dms., c.l., dlvd.....lb. .19 - —
500 lbs., dlvd.....lb. .21 - —
Triethanolamine, dms., works..lb. .26 - .30
Triphenyl phosphate, dms.....lb. .27 - .29
Triphenylguanidin, dms.....lb. .58 - .60
Tripoli, air-floated, bgs., c.l., works..ton.27.50 - —
l.c.l., ex whse. N.Y.....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs.,c.l.,works.ton.18.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 98%, dms. lb. 1.80 - 1.90
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs....lb. .06½- .07
Madras, bgs.....lb. .06 - .06½
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .42 - —
l.c.l., 10, ex dock.....gal. .44 - —
5, ex dock.....gal. .46 - —
wood, dest.-dist., dms., c.l., dlvd. E. ports..gal. .39 - —
l.c.l., same basis.....gal. .41 - —
steam-dist., dms., c.l., dlvd.gal. .38 - —
l.c.l., dlvd.....gal. .41 - —
tanks, dlvd.....gal. .33 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
10 to 19 tons, same basis. ton.100.00- —
1 to 9 tons, same basis.. ton.110.00- —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
import, 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt..ton.85.00 - —
10 to 19 tons, same basis. ton.100.00- —
1 to 9 tons, same basis. ton.110.00- —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. ports, unit-ton. .96 - —
Uva ursi leaves, bls.....lb. .06 - .07

V

Valerian root, USP, bls.....lb. .11 - .12
Valonia, beards, bgs., shipt...ton.64.50 - —
Cups, bgs., shipt.....ton. No price
Vanilla beans, Bourbon, tins..lb. 3.00 - 3.25
Mexican, tins.....lb. 3.00 - 4.00
cut, tins.....lb. 2.75 - 3.00
South American, tins.....lb. 2.75 - 3.00
Vanillin, ex eugenol, tins,100 lbs. lb. 3.75 - —
less than 100 lbs.....lb. 3.85 - 4.35
ex guaiacol, tins, 100 lbs....lb. 3.65 - —
less than 100 lbs.....lb. 3.75 - 4.25
Venice turpentine, true, cs...lb. .47 - .48
Verdigris, kgs., lots of 5.....lb. .20 - —
less than 5.....lb. .21 - —
Violet, methyl, toner (see M).
V.M.P., naphthas (see petroleum naphtha, v.m.p.).

W

Wahoo bark, root, bls.....lb. .46 - .47
Tree, bls.....lb. .19 - .20
Wattle bark, bgs., shipt.....ton.27.00 -29.00
Extract, 60°, bbls.....lb. .03¾- —
Wax, bayberry, import., bgs...lb. .17½- .20
Bees, white, bleach., slabs., cs. 500 lbs..lb. .36 - .38
yellow, crude, Africa, bgs., lots of 10..lb. .25 - .26
1 bg.....lb. .25½- .26½
Brazil, Chile, bgs., 5-10 tons..lb. .26 - .26½
1 ton.....lb. .26½- .27
500 lbs.....lb. .27 - .27½
100 lbs.....lb. .27½- .28
refd., slabs, cs., 500 lbs...lb. .28 - .30
Wax, Candelilla, bgs., 1 ton..lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, chalky 3, bgs., 1 ton. lb. .34½- .35
5 bgs.....lb. .35 - .35½
1 bg.....lb. .35½- .36
N.C. 2, bgs.....lb. .40 - .41
N.C. 3, bags, 1 ton.....lb. .34½- .35
5 bgs.....lb. .35 - .35½
1 bg.....lb. .36 - .36½
refd., bgs.....lb. .39 - .40
yellow, 1, bgs., 1 ton.....lb. .44 - .44½
5 bgs.....lb. .44½- .45
1 bg.....lb. .45 - .45½
yellow 2, bgs.....lb. .43 - .44
Ceresin, dom., 138°-149° m.p. bgs, 1 ton..lb. .09 - —
jobbing lots.....lb. .09 - —
150°-160° m.p. bgs., 1 ton.lb. .09 - —
jobbing lots.....lb. .10 - —
160°- m.p. bgs., 1 ton....lb. .10 - —
jobbing lots.....lb. .11 - —
import., pure, snow-white, 176° m.p. bgs., 1 ton..lb. .43 - —
1,000 lbs.....lb. .44 - —
500 lbs.....lb. .45 - —
156° m.p., bgs., 1 ton..lb. .44 - —
1,000 lbs.....lb. .45 - —
500 lbs.....lb. .46 - —
yellow, natural, 176° m.p. bgs., 1 ton..lb. .36 - —
1,000 lbs.....lb. .37 - —
500 lbs.....lb. .38 - —
Japan, cs.....lb. .08¼- .09¾
Montan, bgs., c.l.....lb. .10¾- .11¼
5 tons.....lb. .11 - .11¾
less than 1 ton.....lb. .11¼- .11¾
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .32 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .22 - .24
cakes, cs.....lb. .33 - .35
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05 - .06
White precipitate, bbls., bxs., fib. dms..lb. 1.46 - —
Whiting, chalk, coml., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.00
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.20
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works. ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
l.c.l., works.....ton.18.50 -20.00
gilder's, bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.16.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.00 -17.50
l.c.l., works.....ton.15.00 -18.50
Paris white, blp. bgs., c.l., works..ton.15.00 - —
l.c.l. works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75% 300 mesh, bgs. (extra), c.l., frt. alld. to $3 per ton..ton.10.00 - —
99.75% 200 mesh, bgs.,c.l., same basis...ton. 9.00 - —
95-98% 200 mesh, c.l., same basis..ton. 7.50 - —
40-95% 200 mesh, c.l., same basis..ton. 6.50 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs. (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works.. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works.....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs.(extra),c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —

Wild cherry bark, thick, natural, bls.	lb.	.04½-	.05
rossed, bls.	lb.	.06½-	.07
thin, natural, bls.	lb.	.05 -	.05½
rossed, green, bls.	lb.	.08 -	.09½
Wild indigo root, bgs.	lb.	.09 -	.10
Witch-hazel extract, dist., NF, bbls.	gal.	.55 -	.65
Leaves, bls.	lb.	.07 -	.08
Witherite (see Barium carbonate, natural).			
Woodflour, dom., fine, bgs., c.l., works.	ton.	24.00	-30.00
standard, bgs., c.l., works.	ton.	18.00	-24.00
import, 40-70 mesh, bgs., ex dock.	ton.	20.00	- —
80-100 mesh, bgs., ex dock.	ton.	25.50	- —
120 mesh, bgs., ex dock.	ton.	31.00	- —
Wormseed, American, bgs.	lb.	.06	- .07
Levant, bgs.	lb.	3.90	- 4.00
Wormwood, bls.	lb.	.09	- .10

X

Xylol (xylene), coml., dms., works.	gal.	.35	- —
tanks, E. of Omaha, frt. alld.	gal.	.30	- —
W. of Omaha, works.	gal.	.30	- —
nitration, dms., works.	gal.	.46	- —
tanks, E. of Omaha, frt. alld.	gal.	.41	- —
W. of Omaha, works.	gal.	.41	- —
5°, dms., works.	gal.	.41	- —
tanks, E. of Omaha, frt. alld.	gal.	.36	- —
W. of Omaha, works.	gal.	.36	- —
10°, dms., works.	gal.	.38	- —
tanks, E. of Omaha, frt. alld.	gal.	.33	- —
W. of maha, works.	gal.	.33	- —
Xylidin, mixed, dms.	lb.	.36	- .37

Y

Yara yara, cryst., cns.	lb.	1.25	- 1.35
Yellow, cadmium, CP, import., bxs.	lb.	2.50	- —
Lithopone, all shades, bbls., 1 ton, works, frt. alld.	lb.	.40	- —
smaller lots, same basis.	lb.	.45	- —
kgs., same basis.	lb.	.50	- —
Sulphide, orange, bbls., works.	lb.	1.00	- 1.10
Yellow, bbls., works.	lb.	.90	- —
Chrome CP, bbls., dlvd. N of Tenn. and N.C., E. of Miss. R, including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts.	lb.	.11	- —
open order.	lb.	.13	- —

Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.

Dutch pink, bbls.	lb.	.08	- .10

Mercury oxide (see M).

Ocher, American, golden, A, bbls., works.	lb.	.06¼-	—
B, bbls., works.	lb.	.04½-	—
C, bbls., works.	lb.	.03½-	—
yellow, A, bbls., works.	lb.	.02¾-	—
B, bbls., works.	lb.	.02¼-	—
C, bbls., works.	lb.	.02 -	—
D, bbls., works.	lb.	.0195-	—
E, bbls., works.	lb.	.01775-	—
F, bbls., works.	lb.	.01½-	—
G, bbls., works.	lb.	.01¾-	—
H, bbls., works.	lb.	.01¼-	—
Yellow, ocher, French, light shades, cks., c.l., ex car L. Angeles.	lb.	.03775-	—
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional.	lb.	.03½-	—
Port., S. Francisco, S. Pedro, Seattle.	lb.	.0365-	—
ex whse. L. Angeles, Port., S. Francisco, Seattle.	lb.	.039 -	—
f.o.b. N.Y.	lb.	.03 -	—
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional), from dock.	lb.	.03½-	—
from whse.	lb.	.03½-	—
ex car L. Angeles.	lb.	.03925-	—
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional.	lb.	.03¼-	—
N. Y.	lb.	.03½-	—
Port., S. Francisco, S. Pedro, Seattle.	lb.	.038 -	—
ex whse. Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional).	lb.	.03¾-	—
Chi., E. St. Louis, Indipolis., K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional).	lb.	.04 -	—
L. Angeles, Port., S. Francisco, Seattle.	lb.	.0405-	—
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional.	lb.	.04¼-	—
N. Y.	lb.	.03¾-	—
Ptsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional).	lb.	.03¾-	—
f.o.b. Bethlehem, Easton.	lb.	.03¼-	—
N.Y., from dock.	lb.	.03¼-	—
from whse.	lb.	.03¼-	—
other shades, cks., c.l. ex car L. Angeles.	lb.	.03475-	—
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional.	lb.	.02¾-	—
Port., S. Francisco, S. Pedro, Seattle.	lb.	.0335-	—
ex whse. L. Angeles, Port., S. Francisco, Seattle.	lb.	.036 -	—
f.o.b. N.Y.	lb.	.02¾-	—
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional).	lb.	.03 -	—
from whse.	lb.	.03¼-	—
ex car L. Angeles.	lb.	.03625-	—
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional).	lb.	.03 -	—
N. Y.	lb.	.02¾-	—
Port., S. Francisco, S. Pedro, Seattle.	lb.	.035 -	—
ex whse. Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional).	lb.	.03½-	—
ex whse., Chi, E. St. Louis, Indipolis, K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional).	lb.	.03¾-	—
L. Angeles, Port., S. Francisco, Seattle.	lb.	.0375-	—
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional).	lb.	.03½-	—
ex whse. N. Y.	lb.	.03¾-	—
Ptsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional).	lb.	.03¾-	—
f.o.b. Bethlehem, Easton.	lb.	.03¼-	—
N. Y., from dock.	lb.	.03 -	—
from whse.	lb.	.03¼-	—
Yellow, Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N. Y.	lb.	.04½-	—
Bethlehem, Easton, N.Y.	lb.	.04½-	—
l.c.l., same basis.	lb.	.04¾-	—
synth., bbls., c.l., works.	lb.	.06¾-	—
l.c.l., works.	lb.	.07 -	.07½
Persian orange (see O).			
Zinc, bbls., same basis chrome CP, contracts.	lb.	.18 -	—
open order.	lb.	.19 -	—
Yellow dock root, bls.	lb.	.09 -	.11
Yellow root (xanthoriza), bls.	lb.	.09 -	.10
Yerba santa leaves, bls.	lb.	.08 -	.09
Yohimbine hydrochloride, vls.	oz.	2.60	- 2.55

Z

Zinc, arsenite, bgs., cs., c.l., consumers.	lb.	.09¾-	.12½
dealers	lb.	.09¾-	.12¾
jobbers, E. of Rockies.	lb.	.09½-	.11½
l.c.l., consumers, 5,000 lbs. or over.	lb.	.10½-	.13½
1,000-5,000 lbs.	lb.	.11 -	.14
less than 1,000 lbs.	lb.	.11½-	.14½
dealers, 5,000 lbs. or over.	lb.	.10½-	.13½
1,000-5,000 lbs.	lb.	.10¼-	.13¼
less than 1,000 lbs.	lb.	.11 -	.14
jobbers, E. of Rockies.	lb.	.10 -	.12

Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.

Carbonate, tech., bbls.	lb.	.09 -	.10½
USP, precip., powd., bbls.	lb.	.31 -	.32
Chloride, fused, dms., works.	lb.	.04½-	.05¾
gran., dms., works.	lb.	.05 -	.05¾
solution, dms., works.	lb.	.04½-	—
tanks, works.	lb.	.03 -	—
Cyanide, bbls., works.	lb.	.36 -	.38
Dust, bbls., c.l., dlvd.	lb.	.0690-	—
l.c.l., 10,000 lbs. or over, dlvd.	lb.	.0765-	—
less than 10,000 lbs., dlvd.	lb.	.0815-	—
Fluoride, bbls.	lb.	.29 -	.35
Iodide, bots., jars.	lb.	4.00	- 4.05
Metal (see daily quotations in market report).			
Oxide, pigment, dom., Amer. process, coml., lead-free, bgs., c.l., dlvd.	lb.	.05 -	—
l.c.l., dlvd. except Pac. cst.	lb.	.05½-	—
ex whse., Pac. cst.	lb.	.05½-	—
bbls., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05½-	—
ex-whse., Pac. cst.	lb.	.05½-	—
leaded, 5%, 35%, 50%, bgs., c.l., dlvd.	lb.	.04¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¼-	—
ex whse., Pac. cst.	lb.	.05¼-	—
bbls., c.l., dlvd.	lb.	.05¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¾-	—
ex-whse., Pac. cst.	lb.	.05¾-	—
French process, coml., lead-free, bgs., c.l., dlvd.	lb.	.05 -	—
l.c.l., dlvd. except Pac. cst.	lb.	.05¼-	—
ex whse., Pac. cst.	lb.	.05¼-	—
bbls., c.l., dlvd.	lb.	.05¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05½-	—
ex-whse., Pac. cst.	lb.	.05½-	—
green seal, bgs., c.l., dlvd.	lb.	.06 -	—
l.c.l., dlvd. except Pac. cst.	lb.	.06¼-	—
ex whse., Pac. cst.	lb.	.06¼-	—
bbls., c.l., dlvd.	lb.	.06¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06½-	—
ex-whse., Pac. cst.	lb.	.06½-	—
red seal, bgs., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd. except Pac. cst.	lb.	.05¾-	—
ex whse., Pac. cst.	lb.	.05¾-	—
bbls., c.l., dlvd.	lb.	.05¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06 -	—
ex-whse., Pac. cst.	lb.	.06 -	—

Wild Cherry—Zirconium Nitrate

Zinc, oxide, pigment, dom., French process white seal, bgs., c.l., dlvd.	lb.	.06½-	—
l.c.l., dlvd. except Pac. cst.	lb.	.06¾-	—
ex whse., Pac. cst.	lb.	.06¾-	—
bbls., c.l., dlvd.	lb.	.06¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.07 -	—
ex-whse., Pac. cst.	lb.	.07 -	—
import., gold seal, csk., ex dock.	lb.	.11½-	—
green seal, bbls., 1-15 tons, ex dock.	lb.	.07½-	.09¾
ex whse.	lb.	.07¾-	.09¾
red seal, bbls., 1-15 tons, ex dock.	lb.	.08¾-	—
ex whse.	lb.	.09 -	—
white seal, cks., lots of 3, ex dock.	lb.	.10½-	—
ex whse.	lb.	.10¾-	—
smaller lots, ex dock.	lb.	.10¾-	—
ex whse.	lb.	.11 -	—
USP, bbls., c.l.	lb.	.09 -	—
l.c.l.	lb.	.09½-	—
Palmitate, bbls.	lb.	.33 -	.38
Resinate, fused, pale, bbls.	lb.	.09 -	.10
precip., dms., dlvd.	lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.19 -	—
l.c.l., 1 ton.	lb.	.20 -	—
1,000-2,000 lbs.	lb.	.21 -	—
less than 1,000 lbs.	lb.	.22 -	—
USP, bbls.	lb.	.20 -	.28
Sulphate, cryst., bgs., c.l.	100 lbs.	2.65	- —
l.c.l.	100 lbs.	3.15	- —
bbls., c.l.	100 lbs.	2.80	- —
l.c.l.	100 lbs.	3.30	- —
flake, bgs., c.l.	100 lbs.	3.05	- —
l.c.l.	100 lbs.	3.55	- —
bbls., c.l.	100 lbs.	3.20	- —
l.c.l.	100 lbs.	3.70	- —
powd., bgs., c.l.	100 lbs.	4.25	- —
l.c.l.	100 lbs.	4.85	- —
bbls., c.l.	100 lbs.	4.50	- —
l.c.l.	100 lbs.	5.00	- —
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.19½-	—
l.c.l., 5 tons, dlvd. E. or ex whse., Pac. cst.	lb.	.11 -	—
1 ton, same basis.	lb.	.11¼-	—
smaller lots, same basis.	lb.	.11¾-	—
bbls., c.l. (20 tons), dlvd.	lb.	.10¾-	—
l.c.l., 5 tons, dlvd. E. or ex-whse. Pac. cst.	lb.	.11¼-	—
1 ton, same basis.	lb.	.11¾-	—
smaller lots, same basis.	lb.	.11¾-	—
Sulphocarbolate, NF, bbls.	lb.	.34 -	.36
Zinc-ammonia chloride, cks.	lb.	.0465-	.05
Zinc-iron oxide pigment, bgs., c.l., dlvd.	lb.	.03¾-	—
l.c.l., dlvd. except Pac. cst.	lb.	.04¼-	—
ex whse., Pac. cst.	lb.	.04¾-	—
Zirconium nitrate, kgs., works.	lb.	3.60	- 4.00
Oxide, crude, 73-75%, grd., bbls., works.	ton.	75.00	-100.00
kgs., small lots, works.	lb.	.04¾-	.04½
white, 99%, grd., kgs., works.	lb.	1.40	- 1.50

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the June 1 issue; the next printing will be in the July 6 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 30.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Alumina.—Roumania has made alumina subject to permit and to import permit taxes, at 1 lei per kilo.

Alumina Sulphate.—Australia has made alumina sulphate from non-Empire sources subject to import license, effective May 23.

Ammonia. — Roumania has made subject to permit and to import permit taxes, ammonia, in solution, at 2 lei per kilo; ammonia in steel taubes, at 7 lei per kilo.

Bakelite, Celluloid, Galalith.—Chile, by executive decree, has reduced the import duty on sheets or bars of bakelite, celluloid, galalith, and similar products, from 0.825 to 0.75 gold peso per gross kilo, effective June 8.

Calcium Carbide. — Roumania has made calcium carbide subject to permit and to import permit taxes at 3 lei per kilo.

Carbon.—Australia has made carbon manufactures, including carbon blocks, from non-Empire sources, subject to import license, effective May 23.

Carbon Sulphide. — Roumania has made carbon sulphide subject to permit and to import permit taxes, at 15 lei per kilo.

Celluloid.—Yugoslavia has increased the rates of the combined turnover tax on imports of celluloid.

Cellulose.—Australia has made fabrics prepared with cellulose or nitrocellulose from non-Empire sources subject to import license, effective May 23.

Chlorine.—Netherlands, by royal decree, has continued the autonomous quota on compressed chlorine, expiring May 1, for anothr twelve months.

Gasoline.—Madagascar has increased the import tax on gasoline imported into Madagascar and dependencies from 0.50 franc to 0.71 franc per kilo.

Sir Harry McGowan Here

Sir Harry McGowan, chairman of the board of directors and managing director of the Imperial Chemical Industries, Ltd., accompanied by H. J. Mitchell, president, arrived here Monday from England on the maiden voyage of the Queen Mary. Dr. W. H. Coates, H. O. Smith and J. T. Nicholson, directors of the Imperial Chemical Industries, Ltd., arrived here recently on the Aquitania. The arrival of the officials of the I.C.I. in the United States was said to be primarily for a visit to the centennary celebration of the Ensign-Bickford Company, safety fuse manufacturers, Simsbury, Conn.

S.O.M.A. Holds Outing

The Sulphonated Oil Manufacturers Association held an outing at Shawnee-on-the-Delaware, Pa., June 3 and 4. More than 100 members and guests were in attendance. The two-day outing came to a close with an informal dinner followed by entertainment and the awarding of golf prizes.

Robert W. Brewer, of the Liberty By-Product Company, carded the low net for members; second, R. A. Scher, Warwick Chemical Company; third, E. E. Yake, executive vice-president, Sulphonated Oil Manufacturers Association; fourth, E. S. Atkinson, Schooler Bros.; fifth, H. B. Sweat, secretary, Sulphonated Oil Manufacturers Association; sixth, J. C. Wolke, of L. Sonneborn & Co. Low net for guests was carded by F. H. Lavezzo. Other prizes were won by B. A. Schiller, of the National Oil Products Company; K. L. Patterson, of Stanco Inc.; H. Dohner, of the W. H. & F. Jordan & Co.; H. B. Hooper of H. A. Metz & Co.; Sam Slavin, of L. Sonneborn & Co, and D. S. Whiteman, of the Reilly-Whiteman-Walton Company.

Cosmetic Law of Maine Enforced with Seizures

The first attempt to enforce the Maine cosmetic law requiring registration of products with the State Department of Health and Welfare has been reported with the seizure on June 3 of shaving cream, after-shaving lotion, nail polish and other cosmetics in one of the M. H. Fishman variety stores in Waterville. Five men are reported to have visited the store with a search warrant following which a hearing was held and the manager of the store was formally arrested and released on $200 bail pending a hearing on June 16.

The Maine cosmetic law became effective January 1 and Bourjois, Inc., manufacturer of toiletries and cosmetics, has sought to test the constitutionality of the statute. The Toilet Goods Association has advised its members not to comply with the provisions of the law until the constitutionality question was settled in the Bourjois case. The Maine court has thus far refused to rule on the question of constitutionality because of the lack of evidence indicating that an interstate question is involved. At the present time attorneys have been gathering the evidence demanded by the court and are hoping for another hearing in the matter within the near future.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Calcium cyanide, in lots of 300 and 500 kilos.—Purchase, Brussels, Belgium (935).

Calomel, glucose, citric acid, podophyllin, and other medicinal pharmaceutical chemicals and galenicals:—Agency, Paris, France (915).

Chewing gum:—Purchase, Cali, Colombia (895).

Cleaning materials: — Purchase or agency, Santiago, Chile (881).

Coconut oil for soap manufacture:—Purchase, Cali, Colombia (895).

Cosmetics, face creams, powder, rouge, nail polishes, and other toilet preparations:—Purchase and agency, Cairo, Egypt (934).

Dental preparations: — Purchase and agency, Durazzo, Albania (910).

Drugs and toilet preparations:—Agency, London, England (889).

Fly exterminators: — Purchase and agency, Durazzo, Albania (910).

Gasoline, kerosene, oils, and greases:—Purchase and agency, Lagos, Nigeria (901).

Glycerin, petroleum jelly and castor oil:—Agency, Istanbul, Turkey (896).

Hair dyes, especially for coloring gray hair:—Purchase, Medan, Sumatra (879).

Oilseed meals, soybean, peanut and cottonseed oil meals, for cattle feed:—Purchase, Havana, Cuga (902).

Paints and waxing materials:—Purchase or agency, Santiago, Chile (881).

Resin, caustic soda, and silicates:—Purchase, Cali, Colombia (895).

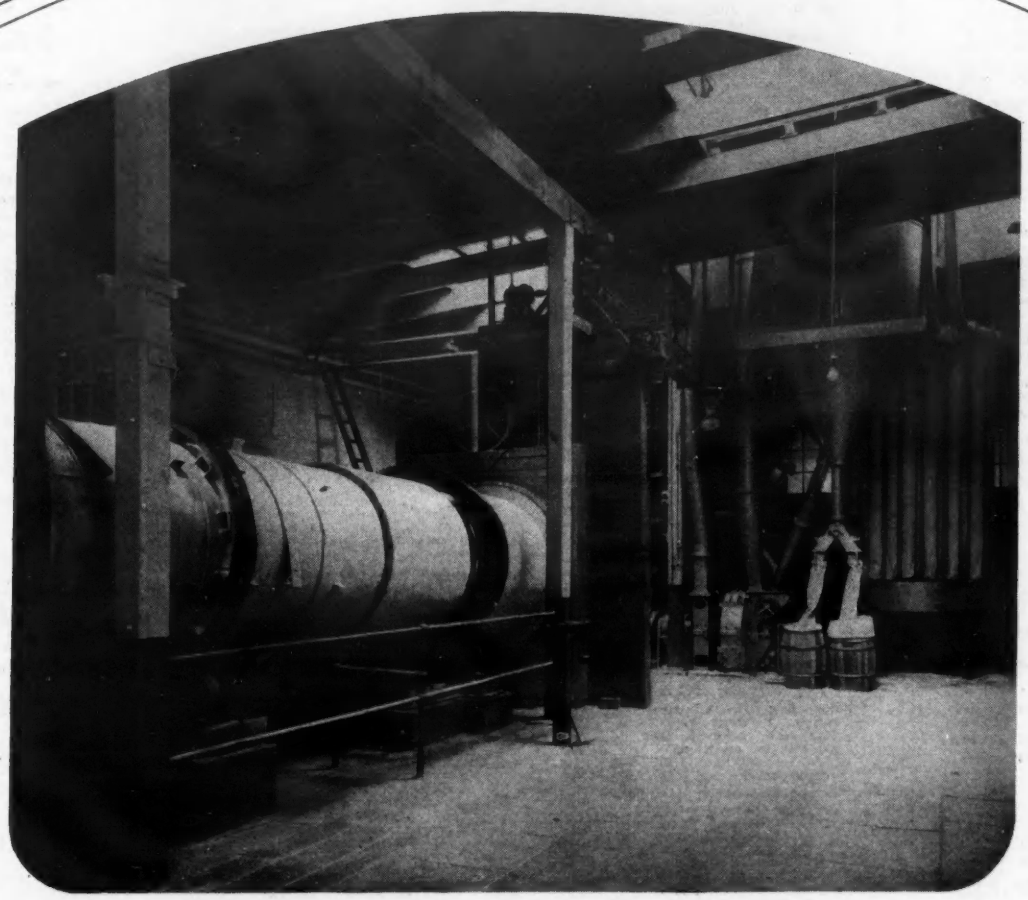
Rosin, in barrels:—Agency, London, England (916).

Rubber, liquid or paste, for making molds for castings:—Purchase, Montreal, Canada (891).

Tin plate:—Purchase and agency, Alexandria, Egypt (882).

Vulcanizing material, such as cement and camel back material:—Agency, Johannesburg, South Africa (898).

ESTABLISHED
1849



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Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

CHEMICALS ~ DYESTUFFS ~ DRUGS ~ PAINTS ~ OILS ~ FERTILIZERS

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Needed: High Statesmanship

In invalidating the New York law fixing a minimum wage for women employees, the Supreme Court of the United States has ruled, at least in patent effect, that the people of the United States are without governmental means of exerting a social uplifting force. The close division of the supreme court justices in the decision indicates that, while this broad applicability of the ruling may have been in the minds of all, the possible consequences were foreseen by four of the nine.

It is a serious thing for a numerous and intelligent people to learn that its government is not able to carry out the wishes of the majority. This impotency has long been emphasized as a shortcoming of constitutional democracy by those whose preference is for other forms. But, the fault is one of constitutional phraseology, not of democratic fundamentals. Its remedying is not impossible, although the process provided may be slow and difficult, as in the case of the proposed constitutional amendment for the regulation of child labor.

Thorough analysis of the Federal constitution discloses what appears to be a method of effectuating the will of the majority of the people of the United States in many matters, by what may be called extra-governmental means, or perhaps fundamental, rather than constitutional, democratic functioning. Articles IX and X of the amendments to the constitution reserve to the people many rights which are not restrained by the statement of purposes in the preamble. Not all rights to promote the general welfare are embodied in the constitution. It would seem, therefore, that, if the people of any community, or State, or of the nation, exercising a right of fundamental democracy, by majority vote determined a policy that they desired for the promotion of their general welfare, that policy could be enforced by any agency chosen by the people; that it might be constitutional to have Congress or a subdivisional legislative body embody the policy in a statute.

The "due process" clauses of articles V and XIV of the constitutional amendments are inevitably subject to various interpretations. The framers of the constitution would have done a great service for the people if they had included therein, as is included in most statutes, an article on "Definitions." Particularly would it be useful to have a definition of the term, "liberty," as used in the "due process" clauses. It can logically be construed from the context that the framers of the constitution had in mind physical liberty, in contradistinction to incarceration. While this would leave other liberties, including the freedom of contract that is basic in the minimum wage decision, among the rights reserved to the people, it would follow that the people possessed also the right to impose restrictions in this respect. At the same time, it would seem that Congress has authority to define several confusing constitutional terms; in which connection the diversity of opinion with reference to the meaning of the term, "commerce . . . among the several States," is pertinent.

The justices of the supreme court, being human, are not omniscient or infallible. The variety of their interpretations of constitutional terms is natural. The inadequacies of their controlling interpretations do not connote a need for curtailment of the power of the court. Although amendment of the constitution is indicated to be necessary for the sake of greater clarity, the immediate need, if destructive forces are to be kept in check, is for adequate public leadership. The needs of the people call loudly for statesmanship of the highest character and greatest intelligence in every public office and especially in all legislative bodies.

What Is 'Consumption'?

Definitions that are adequate to the purpose of a statute are most difficult to construct. Lack of an adequate definition of the term, "consumer," and related terms in the statute levying a tax in the City of New York on sales for consumption is responsible for the interesting decision of the appellate division of the supreme court, that sales of dyestuffs and chemicals for use in the dyeing of furs are not taxable. The reasoning in this decision is far more legal than chemical. The effect of the decision is of very broad interest. But, the questionable soundness of the reasoning leaves much doubt that the ruling will be sustained if the case is appealed.

The appellate division held that dyestuffs and chemicals used by fur dyers are resold to the buyers of the dyed articles. This reasoning opens a broad question of the point at which an industrial material may be regarded to be statutorily consumed. The court said:—

> **Prior to dyeing, the material [fur] is colorless; after the application of the dyes it has acquired a hue or color. Consequently the chemicals maintain their tangible character after the completion of the dyeing process and the material is delivered to the owner. This, because the chemicals are then perceptible to the sense of sight, and property is tangible or corporeal when it is cognizable by the senses.**

The chemicals used as coloring agents in the dyeing of furs are often greatly changed in their "tangible character" in the dyeing process. Paraphenylenediamine and paraaminophenol are widely used as dyestuffs for furs. These chemicals have no color; nor has the acetic acid, the alkali, or the hydrogen peroxide used in producing black or brown colors on furs by means of the oxidation of the phenyl compounds. It would therefore seem that the chemicals used in fur dyeing are consumed by the dyer in producing something wholly different in "tangible character."

In the narrow application to fur dyeing the ruling of the appellate division is not sound if the term, "consumption," is given its customary meaning, or the chemistry of the dyeing process is considered. The absence of an adequate statutory definition of the term may support the court's reasoning to an extent, but it is doubtful that this support would be sufficient. The court's reference to double taxation apparently is a sounder basis.

It is in the broader application of the reasoning that the interest appears. Producers of industrial materials look upon the buyers of their products as consumers of these. Laws frequently take an unusual view of the meaning of common words, but the courts are inclined to interpret statutory language in terms of common usage.

It can be held that sugar maintains its "tangible character" when used in the manufacture of a soft drink—it can still be tasted. Similarly paint has the same visual character before and after it is applied to a house. But, it is stretching common usage to regard the buyer of the house as the consumer of the paint. Such reasoning could logically be extended to support a contention that the paint is not consumed until its "tangible character" has been destroyed by time and weather, and a tax payable by the consumer would not be due until the time of the last sale prior to repainting.

Common usage dictates the conception that an industrial material is sold for consumption when, as the result of the transaction, it will lose its actual identity. This will, of course, lead to multiple taxation. The only way out of this difficulty is the adequate defining of "consumption" if it is the purpose to tax only the final, and not intermediate stages.

Alcohol and Agriculture

Another move in the continuous process of helping the farmer has been made in the revising by the house committee of the Federal food and drugs bill passed a year ago by the senate. This outbreak of a farm-help epidemic is in the food section of the bill, and is manifested by another attempt to limit in many ways the use of alcohol derived from materials other than grains.

There are several angles to the latest presentation of this popular panacea for agricultural ills. The major one is the requirement that whisky must contain only grain alcohol. This is a new version of the old question—"What is whisky?"—that was vigorously and vociferously argued for many moons during the Wiley regime in food and drug control. At that time the battle was between the straight whisky and the blended whisky schools. The new battle presents the peculiar situation that alcohol for use as a drug need be but alcohol, whatever the source; while alcohol under the food chapter of the law would have to be grain alcohol in most instances.

Whatever the popular conception of whisky—and there is no accounting for tastes—the requirement that even those who prefer the blended variety must confine themselves to a grain-farmers' product is stretching the helping hand a bit too far. It is strange that the political friends of the grain farmers even permit the sale of grape brandy, applejack, or rum under the food and drugs act.

Restricting alcohol for any use to the derivative of grains is reducing to absurdity the rather shaky theory that the government's first duty is to assure the farmer a better living than he is capable of earning. The logical extension of this theory would still further hamper industrial and scientific progress by requiring that none but vegetable dyestuffs should be used by the textile industry; that no fish oil or mineral oil should be used in the manufacture of paints.

These possibilities are no more absurd in their general economic significance than is the grain alcohol idea, or the general practice of excessively taxing margarin. The farmer may be the foundation of a nation's economics, but he is not the whole structure by a long ways. He should be permitted to make his place in the national life. If, as is somewhat obvious, he has been placed at a disadvantage by conditions beyond his control, it will be wisdom to free him from the handicaps. But, nothing can be gained by merely transferring the handicap from him to some other member of the national community.

Flavor Manufacturers Urge Imitations Curb

Government Standards Advocated To More Closely Regulate Extract Content

SURVEY MADE BY ASSOCIATION

George M. Armor Is Elected Organization's President For Ensuing Year

Closer regulation of imitation flavoring extracts by the establishment of government standards was advocated in the twenty-seventh annual convention of the Flavoring Extract Manufacturers Association of the United States at the Hotel Pennsylvania, this city, June 1 to 3.

An extensive survey by the research committee of the association prompted it to offer a set of standards in which imitation lemon extract would contain not less than 0.2 percent by weight of citral, and in which imitation vanilla "extract" or flavor would contain in each 100 c.c. of product vanillin or ethyl vanillin, or a mixture of the two, equivalent in flavoring value of 0.3 grams of vanillin, assuming that ethyl vanillin has three times the flavoring value of vanillin. The imitation would contain also an additional amount of flavoring material consisting of vanillin, ethyl vanillin, coumarin, or a mixture of two or more of these, equivalent in flavoring value to 0.4 grams of vanillin, assuming also that coumarin has a flavoring value three times that of vanillin.

The following officers were elected:—President, George M. Armor, of McCormick & Co., Baltimore; first vice-president, Clark C. Nowland, of the George H. Nowland Company, Cincinnati; second vice-president, William J. Sunn, of the Baker Extract Company, Springfield, Mass.; third vice-president, A. F. Wussow, of the Price Flavoring Extract Company, Chicago; treasurer, Leslie Beggs, of the Styron-Beggs Company, Newark, Ohio; secretary, E. L. Brendlinger, of the Dill Company, Norristown, Pa. (re-elected). John S. Hall will continue as attorney and executive secretary. Elected to the executive committee were:—George H. Burnett, of the Joseph Burnett Company, Boston; J. A. Handy, of the Larkin Company, Buffalo; W. F. Meyers, of the Warner Jenkenson Manufacturing Company, St. Louis, Mo.; and B. H. Smith of the Virginia Dare Extract Company, Brooklyn.

Early in the program of the convention Edgar M. Queeny, president of the Monsanto Chemical Works, addressed the gathering on the necessities of surplus in corporate finance. He said that had American business been prohibited by taxation from ploughing earnings back into the plant, building reserves, and reserving the right to risk effort and savings in the hope of profit and security, it would not today have the most efficient production known in the world. The impossibility of business saving a proper share of its profits because of government taxation was a serious obstacle to recovery, he warned.

Over emphasis of social-economic problems has produced a legislative jam that could easily clog the wheels of industrial progress, declared Frank A. Blair, president of the Proprietary Association, in his speech to the convention. An appreciation of true economic and social values is required to overcome this situation.

Four groupings of thought are responsible for the introduction of some 700 pieces of restrictive legislation, Mr. Blair said. They are: the belief that economic ills could be solved by regulating industry; public officials seeking new means of revenues; reformers wishing to regulate other people's lives, and selfish motives of certain groups. He added that legislation will probably diminish and the clamor be swallowed up in the resumption of normal industrial progress.

Speaking specifically on food and drug legislation, Mr. Blair said that leaders in the proprietary drug industry had recognized that improvement in food and drug legislation was desirable. Reasonable laws, reasonably

(Continued on page 29)

N.Y. City Sales Tax Extended

The 2-percent sales tax of the City of New York was extended to July 1, 1937, by the municipal board of estimate June 2. At the same time the board extended for the same period the other municipal emergency taxes, imposed since 1934 to defray the cost of relief measures. These are the 2-percent personal property tax; the 3-percent tax on public utilities; the gross business tax of 0.05 percent; and the commission house gross tax of 0.1 percent.

Chemical Exports Up 30 Percent in April

Turpentine, Sulphur, Benzol, Fertilizers and Mixed Paints Particularly Active

Exports of chemicals and related products from the United States continued at high levels in April with the demand for turpentine, sulphur, benzol, fertilizers, mixed paints and many other products being particularly active, according to C. C. Concannon, chief of the chemical division of the Bureau of Foreign and Domestic Commerce.

The total value of such exports aggregated $12,700,000 during the month compared with $9,903,000 in April, 1935, $10,188,000 in April, 1934, and only $7,340,000 for the corresponding month of 1933.

The April figure brings the total value of such products for the first four months of the year to $49,000,000, a 20 percent increase over the corresponding period of last year when shipments were valued at $40,750,000.

Exports of industrial chemicals and chemical specialties, a group that includes a variety of products, aggregated $3,429,000 in value during April, an increase of $440,000 over April last year, bringing the total for the first four months of the year to $13,173,000, according to preliminary statistics. In this grouping borax accounted for $1,081,000 during the first four months; caustic soda for $966,000; heating and refrigerating gases, $467,000; proxylin and cellulose acetate products, $1,021,000; agricultural insecticides, $561,000; and household insecticides and disinfectants, $554,000.

The foreign demand for American fertilizers declined somewhat from the record of March, but foreign shipments were still almost double the value of those during April last year. The value of the April, 1936, exports aggregated $1,347,000 compared with $741,400 during the corresponding month of last year—nitrogenous materials, chiefly ammonia sulphate, increased from 5,550 tons to 17,500 tons, potash from 3,313 tons to 6,580 tons, and phosphates from 83,000 tons to 91,500 tons.

Naval stores, particularly turpentine, also enjoyed good export demand in April, foreign shipments for the month reaching $1,516,375 compared with $1,105,600 in April last year. In this group turpentine increased from 631,200 gallons to 1,233,000 gallons, and rosin from 84,000 barrels to 97,775 barrels.

Exports of sulphur have been especially active this year, shipments in April reaching 53,920 tons, valued at $1,036,500, compared with 24,772 tons, valued at $490,000 in April, 1935. A total of 182,465 tons of sulphur were exported during the first four months of the year preliminary statistics show, compared with 102,650 tons for the corresponding period of last year.

The foreign demand for American paint products continued to increase in April, the value of such shipments aggregating $1,457,550 compared with $1,239,000 in April last year. Exports of ready-mixed paints, varnishes and lacquers reached 394,000 gallons, against 348,820 during the preceding month, and 309,000 gallons in April, 1935.

Shipments of coaltar products from the United States to foreign markets increased 40 percent in April compared with the same month last year, due largely to heavier exports of benzol, shipments of which advanced from 886,000 gallons to 2,806,000 gallons. In this group exports of coaltar dyes, colors, etc., aggregated 1,613,000 pounds, valued at $565,500, compared with 1,592,500 pounds, valued at $543,750 in April last year.

Other items in the chemical and related products export list which registered increases over April, 1935, included medicinals which increased in value from $960,000 to $1,057,000; soaps, from $203,700 to $260,600; toilet preparations, from $383,000 to $463,000; and industrial explosives, from $185,000 to $260,000.

C.D. Formulas Are Increased by Three

WASHINGTON, June 4, 1936.

A Treasury decision authorizing three new formulas for completely denatured alcohol was issued by the Treasury Department today, effective July 1.

The formulas, to be known as completely denatured alcohol formulas 11, 12, and 13, include some denaturants not heretofore used and are the result of months of research work by the Treasury's technical staff in consultation with the alcohol trade. The formulas are all based on the standard practice of adding specified parts of denaturants to each 100 parts by volume of ethyl alcohol of not less than 160 degrees proof.

Formula No. 11 specifies three parts of "Pontol-K"; three parts of "ST-115"; one part gasoline; and either 0.5 part of "Agdite" or one part of "Hydronal."

Formula No. 12 specifies four parts of "Pontol-K"; two parts of methyl isobutyl ketone, known in the trade as "hexone"; one part of gasoline; and either one part of "Agdite" or two parts of "Hydronal."

Formula No. 13 specifies four parts of "ST-115"; two parts of methyl isobutyl ketone; one part of gasoline; and either 0.5 part of "Agdite" or one part of "Hydronal."

As most of these products are sold under trade names, the regulation carries the notation "or products similar thereto" after each. Detailed chemical specifications for each of these denaturants will be given in a Treasury circular letter to be published within a few days.

(Continued on page 29)

Perilla Oil and Seed Added to Tax Bill

WASHINGTON, June 4, 1936.

A new schedule of import and processing taxes on vegetable and marine oils was adopted by the senate before dropping work on the tax bill because of the death of Speaker Byrns.

The senate adopted the Bailey amendment as reported by its finance committee after making three changes. Senate leaders planned to continue action on the bill in the hope of passing it and sending it to conference with the house before the end of the week, and if this schedule is followed it in unlikely that action on the Bailey amendment will be reconsidered. None of the new taxes were included in the bill as it passed the house.

The changes resulted in adding perilla oil and perilla seed, and eliminating olive oil and denatured rapeseed oil. As adopted, the Bailey amendment reads as follows:

Title V—Amendments to Taxes on Certain Oils

Section 701. Tax on Certain Oils.

The first sentence to section 601 (c) (8) of the Revenue Act of 1932, as amended, is amended to read as follows:—

"(8) Whale oil (except sperm oil), fish oil (except cod oil, codliver oil, and halibut-liver oil), marine-animal oil, tallow, inedible animal oils, inedible animal fats, inedible animal greases, fatty acids derived from any of the foregoing, and salts of any of the foregoing; all the foregoing, whether or not refined, sulphonated, sulphated, hydrogenated, or otherwise processed, 3c. per pound; sesame oil, provided for in paragraph 1732 of the Tariff

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Chemical Prices Move Down

Prices in the markets for heavy and fine chemicals turned downward last week in numerous instances, although the quotations on most items held without change. The reductions were caused either by a reduction in production costs, or by the approach of the season when production usually undergoes curtailment. General trade held close to seasonal volume. Quotations on boric acid and borax were extended to the end of this year. Shortages in coaltar products still prevailed. Straits tin was weak, tin salts reflecting that condition. Demand for agricultural insecticides continued to expand.

Price changes included higher levels for agar agar, raw bone, bone meal, unground tankage, and casein, and lower quotations on minor iodides, hydriodic acid, sublimed betanaphthol, aloin, menthol, antimony metal, tin salts, fish scrap, dried blood, superphosphate, and ground tankage.

The REPORTER'S composite index number of prices for heavy and fine chemicals dropped to 125.3 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.7, against 89.2 at this time last year.

Obituaries

Dr. Arthur Amos Noyes

Dr. Arthur Amos Noyes, noted chemist, and for sixteen years director of the Gates Chemical Laboratory at the California Institute of Technology, and a former president of the American Chemical Society, died June 3, of pneumonia, in Pasadena. He was sixty-nine years old.

Born in Newburyport, Mass., Dr. Noyes received his B.A. and master's degrees at the Massachutetts Institute of Technology; the degree of Doctor of Philosophy from the University of Leipsic, and also held LL.D. degrees from the University of Maine, Clark University, and the University of Pittsburgh, and the degree of Doctor of Science from Harvard and Yale universities. He began his career as an assistant in analytical chemistry at the Massachusetts Institute, becoming instructor, assistant professor and professor. From 1909 to 1920 he was director of the research laboratory of physical chemistry of the Massachusetts Institute, serving for two years as president of the institution. He became director of the Gates Chemical Laboratory in 1920. In 1932 Dr. Noyes received the Richards Medal of the American Chemical Society for conspicuous achievement in chemistry. The Royal Society of London awarded the Davy Medal to him in 1927 for his work in physical chemistry. In 1915 he received the Willard Gibbs Medal of the American Chemical Society. He was president of the American Chemical Society in 1904; president of the American Association for the Advancement of Science in 1927, and chairman of the National Research Council in 1918. He was author of numerous works on chemistry.

Robert A. Alberts

Robert A. Alberts, president of C. B. Hewitt & Bros., Inc., New York, maker of paperboard and glue, died June 4 at his summer home, Skytop, near Highpoint Park, in Sussex County, N. J. Mr. Alberts, a native of Jersey City, was a director of the Hudson City Savings Bank and of the Jersey City Young Men's Christian Association. He was formerly president of the Jersey City Shrine Club and past potentate of Salaam Temple of the Shrine in Newark. Surviving are his wife, Mrs. Grace Alberts, and two daughters, Mrs. Ruth Curry, of Glen Ridge, N. J., and Mrs. Arthur J. Stewart, of Montclair, N. J.

Dr. William D. Lansing

Dr. William D. Lansing, industrial chemist, connected with E. I. duPont deNemours & Co., since 1929, died May 28, in a Philadelphia hospital after an illness of several months. He was thirty-four years old. For several years Dr. Lansing was a member of the colloidal group in the fundamental research division at the experiment station, applying the ultracentrifuge to the determination of the molecular weights of cellulose derivatives and rubber. He was born in Marseilles, Ill., and was graduated from the University of Illinois. He was a member of the American Chemical Society, the American Physical Society, and various fraternal organizations. His home was in Bellefonte, N. J., and surviving are his wife and a son.

Dr. Richard C. R. Taggesell

Dr. Richard C. R. Taggesell, formerly chief chemist and director of the National Aniline & Chemical Company, Buffalo, died May 28 in his home in Orchard Park, a suburb of that city. He was sixty-seven years old. Dr. Taggesell retired in 1921 when the National Aniline Company was amalgamated in the Allied Chemical & Dye Corporation. He was internationally known for his research into anilin dyes, which he continued after retirement. Surviving are two sons.

James C. Yancey

James C. Yancey, independent oil geologist, who was prominent in the petroleum findings of north and central Texas, died in Fort Worth May 31, following injuries received in an automobile accident. He was sixty-three years old. Born in Carlinsville, Ill., Mr. Yancey began the study of structural geology early in life, and later produced a large percentage of the maps of the oil fields of California and Texas. In 1908 he became one of California's largest operators.

F. O. Moburg, founder and president of the Rex Research Corporation, insecticide manufacturer, Toledo O., died May 28, after a year's illness. Mr. Moburg was born in Iowa. He founded the Rex Spraying Company in 1896 and pioneered in insecticidal sprays.

Late in 1929 he reorganized the company as the Rex Research Company. The business will be directed by H. W. Moburg, present vice-president and sales manager.

Cottonseed Producers Seek Fats Import Cut

Association Adopts Resolutions to Protect Industry of This Country

DOMESTIC PRODUCTS USE ASKED

W. F. Pendleton, Dallas, Elected President; Stresses Need of Full Co-operation

NEW ORLEANS, June 4, 1936.

With a total registration of 521 delegates, the fortieth annual convention of the National Cottonseed Products Association was held at the Roosevelt Hotel, this city, June 1 to 3, and adopted resolutions opposing the unnecessary imports of foreign fats and oils, recommending that ample protection be given to American producers of these commodities, and pledging the support of the association's members to the consumption only of such shortening and other edible products as are manufactured from domestically produced fats and oils.

By unanimous acclamation of the assembly, W. F. Pendleton, of the Planters Cotton Oil Company, Dallas, Tex., was appointed president of the association for the ensuing year, succeeding J. I. Morgan, of the Farmville Oil & Fertilizer Company, Farmville, N. C. Three directors at large were elected:—O. E. Jones, Chicago; A. G. Petersen, New Orleans, and Wright Youtsey, Cincinnati. Four new regional directors were elected:—J. J. Lawton, Hartsville, N. C.; R. H. Patterson, Trenton, Tenn.; H. E. Wilson, Wharton, Tex., and J. S. LeClercq, Jr., Dallas, Tex. Eleven regional directors were re-elected:—J. I. Morgan, F. S. Hunt, Decatur, Ala.; P. F. Cleaver, Little Rock; F. D. Black, Macon; C. W. Wallace, West Monroe, La.; G. W. Covington, Jackson, Miss.; A. L. Durand, Hobart, Okla.; Henry Wunderlich, Austin, Tex.; W. F. Pendleton, Dallas; R. M. Simmons, Sweetwater, Tex., and W. B. Coberly, Los Angeles, Cal.

Speechless Convention

An innovation of the convention this year was that it was called a "speechless convention"—all speeches being printed in booklet form and distributed to the delegates—discussions being limited to condensed reports by officials of the organization. Speeches given in pamphlet form were on the "Oil and Fat Situation," by O. E. Jones of Swift & Co.; "Cottonseed Meal as Affected by Other Concentrates," by Emory L. Cocke, of the Interstate Mill & Storage Co., Cairo, Ill., and the Ashcraft Wilkinson Co. of Atlanta, Ga.; "Cotton Linters," by A. K. Burrow, president of the A. K. Burrow Company, Memphis, Tenn.; "Cost Accounting," by J. A. Ryan, auditor of the Southern Cotton Oil Company, New Orleans.

Following the invocation by the Rt. Reverend James Craik Morris, Bishop of the Episcopal Diocese of Louisiana, E. T. George of the Seaboard Refining Company, New Orleans, who has had the distinction of opening the past twenty conventions, made a short address of welcome and placed the gavel in the hands of Mr. Morgan, the retiring president.

Mr. Morgan stressed the need of closer co-operation with the farmer and cotton ginner as an important phase of progress. Continuing, he said:—

It is not enough for us to develop manufacturing without developing the production of our raw materials wherever possible. In order to maintain employment and build up our national purchasing power, we must utilize all of our natural resources, including agriculture, for the sources of our raw materials, and from these materials, we must give additional employment in converting these raw materials into finished merchandise, and in order to carry on such a program, it is necessary that we as a nation stand together for proper protection against cheap goods which have been finding their way

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Drug Act Revision Chances Improved

WASHINGTON, June 4, 1936.

Chances for the enactment of the Copeland food and drugs bill, which appeared very slim early in the week, improved considerably today when congress abandoned all thought of terminating the session this week end because of the death of Speaker Byrns.

It now appears that congress will be in session the week of June 15 and possibly longer, which may provide an opportunity for bringing the bill up in the house. It has already passed the senate and been reported by the house interstate commerce committee in an amended form. The rules committee of the house has been asked to grant a special rule for the bill's consideration, but has taken no action on the request and probably will not act until June 15 or later.

Whether or not the bill will be brought up in the house before final adjournment will depend partly on the condition of the house calendar and partly on opposition which may develop to the measure. It is understood that the American Medical Association and groups representing consumer interests will seek to have the bill defeated or delayed until too late for action in the hope that at the next session of congress they can obtain a stricter measure more to their liking.

Naval Stores Aid of $2,000,000 Put in Bill

WASHINGTON, June 1, 1936.

An appropriation of $2,000,000 to provide benefits for naval stores producers under the soil conservation act was added to the deficiency appropriation bill by the senate today.

The amendment was proposed by Senator Walter F. George of Georgia and adopted without discussion. The bill is now in conference with the house and it is not known whether or not the George amendment will be retained.

The amendment follows weeks of effort by naval stores producers to find some way of coming under the new soil conservation program of the Agricultural Adjustment Administration, which provides for payment to farmers for practices tending to conserve and build up soil. Officials of the AAA have been unable to discover any legal means whereby naval stores producers could benefit from this act, but the George amendment would give specific authority for this. No definite plans as to how the money might be used have been agreed on by the AAA but suggestions are that payments be made for various types of approved good forestry practices such as fire protection, proper thinning and reseeding of trees, refraining from tapping small trees, and using tapping methods which do not impair the vitality of the tree.

Price Maintenance Bill May Get Before House

WASHINGTON, June 4, 1936.

The certainty that Congress will have at least one more full week of sessions before final adjournment increased the chances for enactment of the Tydings resale price maintenance bill.

This bill (S. 3822) was passed by the senate June 1 and sent to the house where it was referred to the committee on the judiciary, but no action has been taken by this committee. Whether or not the bill will be reported out and considered by the house is problematical.

The senate adopted the bill without discussion after Senator F. Millard Tydings of Maryland, the author of the bill gave a brief explanation of its purpose. The measure would permit states having resale price maintenance laws to apply these laws to merchandise sold at retail within their borders under contracts made in interstate commerce.

R. P. Prentys, of the National Lead Company of California, is on tour visiting the various branches of the company on the Pacific coast. He expects to be away from his office until sometime in July.

Manufacturing Chemists Association Votes Opposition to Tariff Bargains

Objects to Principle and Points Out Resulting Excessive Growth of Imports—Allen Succeeds Bell as President

ABSECON, N. J., June 4, 1936.

Opposition to the national program of reciprocal trade agreements—more aptly styled tariff bargains—in principle and practice was expressed by the Manufacturing Chemists' Association of the United States in a resolution adopted today in the sixty-fourth annual meeting in the Seaview Golf Club. The process of tariff bargaining was declared to represent an unconstitutional delegation of the authority of Congress. Emphasis was laid on the fact that the results of the tariff bargains were increases in imports in excess of gains in export trade.

Economic conditions were discussed in various details by the officers of the association in addresses to the meeting.

The budget for the ensuing year was presented, discussed, and approved. It was anticipated that the association would have slightly larger expenditures because of extension of certain services.

William B. Bell, of the American Cyanamid Company, president of the association, occupied the chair during the meeting. Having completed the number of terms specified by the by-laws, Mr. Bell was not a candidate for re-election. The new president is E. M. Allen, of the Mathieson Alkali Works.

The opposition of the association to tariff bargaining was expressed in the following preamble and resolution:—

Whereas, The trade treaties with foreign nations under the reciprocal trade agreements act have been negotiated without opportunity for labor, industry, and agriculture to be heard adequately upon the subjects under negotiation;

Whereas, The program provides that treaties are concluded without senatorial approval as provided in the constitution;

Whereas, The Congress in effect has surrendered its tariff making duties and responsibilities to the State Department;

Whereas, The treaties so far negotiated have not resulted in export business of increased volume equivalent to the increase in imports; now, therefore be it

Resolved: That the Manufacturing Chemists' Association records its opposition to the present reciprocal trade agreement program, both in principle and in practice.

The New Officers

The annual election for officers and members of the executive committee resulted in the choice of the following:—

President, E. M. Allen, of the Mathieson Alkali Works, New York.

First vice-president, George W. Merck, of Merck & Co., Rahway, N. J.

Second vice-president, Charles Belknap, of the Monsanto Chemical Company, St. Louis.

Treasurer, J. W. McLaughlin, of the Carpide & Carbon Chemicals Corporation, New York.

Price-Discrimination and Unfair Acts Bills Delayed

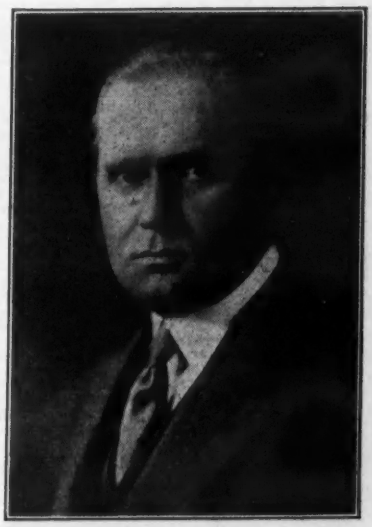
Conferees Not Agreed on Former And Rayburn May Push The Latter

WASHINGTON, June 4, 1936.

The fate of price-discrimination and Federal Trade Commission bills remained in doubt as it became evident today that Congress would not adjourn this week end.

The Robinson-Patman bill to amend the Clayton anti-trust act to tighten restrictions on price discrimination is in the hands of a conference committee of the senate and house. The senate amended the Patman bill by striking out all the language of the form in which it passed the house and substituting the Robinson bill which it had previously passed and which includes the Borah-Van Nuys bill on the same subject as an amendment. It is thus possible for the conferees to agree on either the house or the senate bill in its entirety or work out any sort of a compromise between them. Inasmuch as the language of the two versions differ considerably the final provisions of this bill can scarcely be predicted. The conferees are expected to reach an agreement some time during the week of June 15, and if so it is probable that both houses will accept the conference report rather than jeopardise enactment of any legislation on this subject.

The Wheeler-Rayburn bill to give the Federal Trade Commission power to prevent unfair acts and practices in interstate commerce, which has already passed the senate, was given brief hearings by the house committee on interstate commerce, but this committee has taken no action toward reporting the bill. Chairman Sam Rayburn of this committee, co-author of the bill, is expected to return from a visit to Texas next week and he may take the initiative in pushing this legislation during the closing days of the session.



E. M. Allen

New President of M.C.A.

Edwin Madison Allen, the new president of the Manufacturing Chemists Association, is president of the Mathieson Alkali Works, this city. He was born at Richmond, Indiana, June 10, 1876.

Mr. Allen was educated at Purdue University, taking his B.S. degree in 1896 and his M.E. in 1899. His industrial career started with a position as draughtsman at the Cambria Steel Company. He subsequently held the positions of secretary and treasurer of the Basic Brick Company; president of the American Refractories Company; managing-director of the Austro-American Magnesite Company; and president of the Great Western Ore & Mining Company. He joined the Mathieson organization in 1919. He is also president of the Commonwealth Chemical Company. Membership is held by Mr. Allen in the Chemists Club, Sigma Chi, the Uptown Club, and the India House.

Mr. Allen and Miss Katherine L. Smythe were married in August, 1912. The Allens reside at their country estate, "Elm Hill Farm," at Port Chester, N. Y., during the summer months and in this city in the winter. Mr. Allen's avocational pursuits include hunting, fishing, and golf. He is a member of several prominent country clubs in the metropolitan area.

Chemicals, Dyes and Lakes Output in 1935

Production and Sales Show Large Increases in Numerous Groups of Products

WASHINGTON, June 4, 1936.

The United States Tariff Commission made available today preliminary figures on the production and sales of synthetic organic chemicals, including dyes, for the year 1935. These show large increases in output of practically all groups of products.

Among the synthetic organic chemicals not of coaltar origin, many unusual increases in production are noted. The output of this group totaled 1,591,000,000 pounds, with sales of 790,995,000 pounds, valued at $86,053,000, or an increase over 1934 of 40 percent in production, 24 percent in sales volume, and 18 percent in sales value. Synthetic methanol, the most important tonnage product, increased 41 percent in output; acetic anhydride, 73 percent; acetic acid, about 50 percent; acetone, more than 70 percent; amyl alcohol, over 100 percent; isopropyl alcohol, over 90 percent; and fermentation citric acid, more than 50 percent over the preceding year. Among the many other products showing increases are chemicals used in the automobile and motor fuel industries, in synthetic fibers, and in solvents used for dry cleaning.

The output of 101,817,000 pounds of dyes in 1935 was 17 percent greater than that in 1934 but 9 percent less than in the peak year 1929.

Unclassified and new dyes also show increased output, the total recorded in 1935 being 11,586,000 pounds, or 20 percent higher than the corresponding output in 1934. Sales increased 21 percent by volume and 24 percent by value. Dyes for acetate silk continue in demand, as shown by a 65 percent increase in production, 44 percent increase in sales volume, and 87 percent increase in sales value over the preceding year.

The sales of all dyes, considered as

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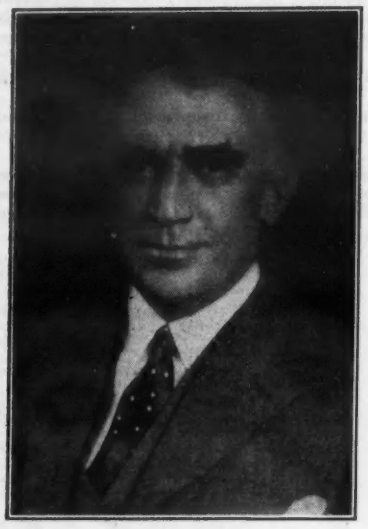
Secretary, Warren N. Watson, Washington.

Members of the executive committee, H. L. Derby, of the American Cyanamid & Chemical Corporation, New York, chairman; Charles W. Millard, of the General Chemical Company, New York; J. H. Dunbar, of the Grasselli Chemical Company, Cleveland; Leonard T. Beale, of the Pennsylvania Salt Manufacturing Company, Philadelphia; Clyde D. Marlatt, of the Martin Dennis Company, Newark, N. J.; Lamont du Pont, of E. I. du Pont de Nemours & Co., Wilmington, Del.; August Kochs, of the Victor Chemical Works, Chicago; Benjamin S. Mechling, of the Mechling Brothers Chemical Company, Camden, N. J.; William B. Bell, of the American Cyanamid Company, New York.

Executive Committee Report

The work of the association during the past year was reviewed with comment in the following report prepared



Charles Belknap
Retiring Chairman of Executive Committee

by the chairman, Charles Belknap and presented in summary:—

On behalf of your executive committee, I shall briefly outline the more important activities of your committee during the past fiscal year.

Tribute to W. B. Bell

First, I want to take this opportunity to pay tribute to our retiring president for his distinguished service to our industry during the past three years. During the code period when the emotional atmosphere was tense and a pressure, unique in our experience, was exerted upon us, it was due in large part to the foresight of Mr. Bell that we obtained a simple, workable code essentially fair to all parties and which, at the same time, allowed complete independence for any chemical group to deal with trade practice problems. The full story of this period would make an interesting chapter in the history of our industry. "The test of the pudding is in its eating," and it is fair to state that our industry came through this period without untoward difficulties.

The real test for sound leadership is in a period of crisis. It is my personal conviction that we are deeply indebted to the leadership of W. B. Bell during the past three years and that we are fortunate, indeed, that he will continue to be allied with our association.

Trend in Chemical Industry

A survey of the wages and hours in the chemical manufacturing industry was made by the National Industrial Conference Board for the Chemical Alliance for a period in December, 1935, six months after the Schecter decision. This survey discloses that the average weekly earnings in both factory and nonfactory occupations have increased. Hours in factory and nonfactory occupations are still, according to this survey, below the average permitted by the NRA code, indicating that the industry as a whole has maintained better conditions than the code requirements. A recent development of interest is the extension by certain chemical firms to their plant employees of a vacation period with full pay.

The trend in American industry is toward shorter hours and higher wages, coupled with rapidly increasing tax burdens, both Federal and local, as well as the payroll taxes for the security acts. The combined effect of these added elements in cost of production is to place the domestic manufacturer in a position of increasing disadvantage with the foreign producer.

Reciprocal Trade Agreements

Trade agreements have been concluded with thirteen countries, including Belgium, Switzerland, and France. Under these agreements tariff reductions were made in thirty-six paragraphs of the chemical schedule of the tariff act. Many of these reductions will result in an increase of chemical imports. Concessions by foreign countries for the benefit of our chemical exports have been in comparison insignificant.

The rapid progress of Japan in chemical manufacture has attracted wide attention. After supplying most of her home requirements, Japan took over many of the export chemical markets in the Far East. The first domestic competition felt by our industry was through the importation of finished articles into which chemical products enter. During the past year, however, direct competition from a number of low-priced Japanese chemicals has occurred.

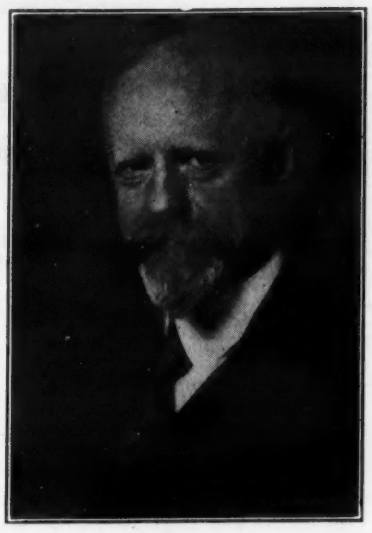
Chemical Research

Increased activity in our industry is due in no small part to our aggressive research program. It is believed that our research expenditures equal, if in fact they do not exceed, that of any other American industry. In the synthetic organic field alone research expenditures equal 5 percent of the value of these sales—not of profits, but 5 percent of the net sales. The development of new products and increased efficiency is the spearhead to our progress.

Safety Program

I am glad to report real progress in the safety program of the M.C.A. Safety should be the prime consideration of industrial management. In the manufacture and use of chemicals and other potentially dangerous commodities, this responsibility rests alike on the producer and the user, including also those who sell, transport, or otherwise handle the goods involving possible hazards. The practical approach, however, requires that the initiative be undertaken by the manufacturer. Our association, recognizing this responsibility, has made important advances by voluntary efforts of our industry and co-operation from our consumers.

The major safety problem does not exist in the plants of the manufacturer, but rather with the consumer and in the transportation of these products. Through the agency of our technical committees, a continuous safety program is under way. Briefly, this includes five major



William B. Bell
Retiring President of M.C.A.

methods for encouraging safe handling and use of chemicals:—

1. Adequate containers.
2. Suitable precautionary labels.
3. Manuals and posters.
4. Informal conferences for industrial education.
5. Voluntary safety agreements with public authorities.

A selected number of containers for regulatory chemical products are on exhibition this morning to illustrate typical technical progress in this field. These are worthy of your personal examination. There is also exhibited a number of our safety manuals on recommended practice designed for the consignee and the shipper. The members of the industry are utilizing the services of our technical committees and Washington office more and more in the adoption of appropriate labels and other safety measures. A special confidential report will be sent to each member president in the immediate future on the question of labels and the responsibility of the manufacturer.

I want to express to our technical committees the deep gratitude of the executive committee for their continuous contributions to the chemical industry.

Stream Pollution

In certain sections of the United States, stream pollution is a real economic problem. During the past year, however, it has become a political issue. Our industry has done highly creditable work in the disposal of waste to avoid stream pollution. The executive committee appointed this Spring a committee, with Dr. W. S. Landis as chairman, to deal with the technical and economic phases of this question in relation to the chemical industry. A short questionnaire will be sent out shortly to members of the chemical manufacturing industry, and I sincerely hope that you will respond to this promptly by the way of co-operation with our committee. Much can and should be accomplished by voluntary efforts of industry.

The basic issue in the control of stream pollution is whether it shall be handled by:—

1. The Federal act prohibiting the deposit of refuse in navigable streams and the present State laws and State compacts, or
2. Whether it shall be controlled by centralized Federal regulation through the establishment of sanitary districts and standards of stream pollution.

Traffic Committee

An effort to require the removal of owners' marks from privately owned tankcars was successfully handled with the result that we are permitted to retain owners' marks on our tankcars.

With the aid of a counsel, our witness appeared before the I.C.C. in protest to the carriers' petition to extend the emergency freight increase without an expiration date.

State Bills

State bills relating to chemicals and allied products require an increasing amount of attention. During the past year a number of bills were proposed which, in an effort to confine retail sales of drugs to the pharmacist, did, as a matter of fact, restrict either by oversight or otherwise the distribution of industrial chemicals to the arts and of agricultural chemicals to the farmer. We were successful in having amendments adopted to clarify these measures.

Our weekly State legislative bulletin keeps each member advised on State proposals and their progress. Next year at least forty-two States have regular sessions, and the problem of State laws will require a frequent appearance of our witnesses before various State legislative committees.

M.C.A. Services

Our association has emphasized increased service to the chemical industry,

H. L. Derby
Chairman of M.C.A. Executive Committee

and particularly to the individual members of the association. I know of no association which gives more service per dollar spent. Some of these services are illustrated on the bulletin board in this room, entitled "M.C.A. Services."

On behalf of the executive committee, I want to express our appreciation of the splendid co-operation by members in our diverse association activities. The scope and the burden of problems for consideration by the executive committee and by our technical committees increases each year. The regulatory activities by our Federal government, likewise call for increasing service from our Washington office.

In conclusion, I ask for your continued support to our executive committee and our new officers, and hope that you will feel free to tell the executive committee any recommendations or comments you may have in order that we can serve the industry to the fullest extent.

The financial affairs of the association were covered in a report by the treasurer, J. W. McLaughlin.

The presidential address of W. B. Bell was devoted to an informal analysis of economic conditions and trends and their reflection in political programs, with pertinent comment on their significance particularly to the chemical industry.

Regimentation—Complacency

Avoidance of regimentation of the philosophy of a people and of a complacent attitude was urged by Dr. Karl T. Compton, president of the Massachusetts Institute of Technology, in an address to the chemical manufacturers. Pointing to the long age and the ever youthfulness of the chemical industry, Dr. Compton emphasized the contrast between the philosophy of the industry and that of advocated regimentation, which he characterized as an insidious danger in government. He coupled with this, complacency, dangerous both in government and in private organizations.

Dr. Compton recalled the presentation by the American Association for the Advancement of Science, two years ago, to the President of the part played by scientific development and application in the promotion of economic and social progress, and their contribution to the forces of industrial recovery from depressions. He emphasized the role of scientific research in this connection, and pointed to its national value as an investment. From this he moved with appreciative comment to the purpose of the Farm Chemurgic Council to give constructive aid by science to the solution of agricultural problems. These examples and the endeavors of Herbert Hoover, as Secretary of Commerce, to have a scientific basis laid for the industrial future, Dr. Compton said were typical of the desirable philosophy which has faith in knowledge and courage to face the opportunities and responsibilities which knowledge provides.

In contrast, the speaker commented on the lack of interest on the part of the federal government in calling on the powers of science to provide at least the basic necessities for permanent restoration of economic welfare. He felt that this lack of interest might be attributed in part to the fact that science does not have a strong political appeal, but he believed that the real reason was inability to understand the potentialities of science and a timidity with reference to the acceptance of responsibilities of real knowledge of the causes of maladjustments. He felt that certain advisers of the administration desired that all science be placed under the control of social scientists and subserved to programs of their own making and application.

Dr. Compton saw in this philosophy an attempt to supplant a free and progressive social order, involving individual initiative and responsibility, by what he likened to an attempt to raise the structure of society through suppressing the vigorously growing elements and artificially stimulating the backward. The dangers of this, he said, were aggravated by complacency which paralyzed the motives for progress. The danger of complacency, he added, was minimized in industry by competition and emphasized by monopoly, especially by monopolization through government ownership or control which minimized even opportunities for criticism.

The lesson for industry to find in

J. W. McLaughlin
Treasurer of M.C.A.

this was presented by Dr. Compton in the following concluding statements:—

The chemical industry, among many others, has thus far largely escaped this danger because it is highly competitive. Certain other industries which are not so competitive, like the telephone industry, have also escaped it thus far through wise and progressive policies. An examination of such industries indicates that the greatest safeguard against the danger of complacency and decay is a strongly ingrained policy according to which the prime consideration of the industry is to achieve the best possible service to the public. In this way dangers of stagnation and public disapproval are minimized and the urge is continually in the direction making for progress.

I would suggest that the most important feature which is embodied in the Sherman antitrust law is not the protection of the public against exploitation but rather in safeguarding industry against the dangers of complacency.

It is important that members of the chemical industry and all others, who through experience or observation have come to realize the permanent social values in research and discovery and the importance of at least a benevolent encouragement by government to healthy individual and group initiative, should do all in their power through education and proper political influence to maintain these safeguards of prosperity and satisfaction in living.

Changing Political Concepts

Following the union banquet with the Synthetic Organic Chemical Manufacturers Association tonight, W. B. Bell introduced Mark Sullivan. Mr. Sullivan spoke at length on "The Choice Ahead of Us." He declared that America was faced with the necessity of choosing between its traditional conceptions of government and the new conceptions manifested in Europe. Governmental trends since 1917 have departed widely from that of the preceding century which was in the direction of the American form of democracy. The later trend is in the direction of a broader latitude in the functioning of government with a tendency to extend this more and more to the control of business. There is also an elimination of the legislative division of government and sometimes of the judicial, and the effect is to promote dictatorship.

Political trend in the new direction enlarged state power at the sacrifice of individual power to the State. There is also a surrender of individual rights to the State and new struggles for freedom are continuously required.

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Heavy Chemicals

Sharp Break in Straits Tin Price Causes Decline in Tin Salts—Antimony Metal Lower—Soda Silicofluoride Continues Strong—Chlorine and Bleaching Powder Active

Business in the market for the industrial chemicals was fairly good at the outset of the final month of the first half of the year. However, it was quite evident that manufacturing consumers were making arrangements for the curtailment of operations in a number of the industrial units as the summer season approaches. The active products were largely concerned with agricultural activities. Changes in the market consisted of lower prices for antimony metal and a decline in the tin salts.

The demand side of the market reflected the curtailment taking place in some divisions of the textile, tanning and other light trades and certain heavier industries, particularly the automobile. Reports from the automobile trade indicated that curtailment was taking place gradually, with the June production expected to total approximately 150,000 units, and the slackening in operations in that direction could be attributed to the preparation being made for the usual changing-over to new models. However, the volume of chemicals moving to the automobile industry and to kindred trades, particularly the plating, caused a generally steady to firm price tone in a number of items, including soda cyanide, nickel salt and chromic acid.

A sharp decline in the price for Straits tin was responsible for the drop in the prices for the various tin salts. And the reduction in the Straits tin price resulted directly in the gain in supplies abroad, with the world's visible supply increasing 1,511 tons to 18,380 tons in May when compared with the volume at the end of April. Antimony metal moved downward as a result of the dull condition of the demand side of the market, but no change shown in antimony oxide or needle. Copper continued firm, although the buying assumed a slower pace. However, blue vitriol was firm, with the shipments moving out at a good pace, and the agricultural areas were placing the major portion of the call.

Broad buying of chlorine was in evidence, with a substantial volume of material on the books for delivery during June. And bleaching powder was firm. Calcium chloride sales appeared to be stimulated by the warmer weather, with the same factor being responsible for an improvement in the movement of anhydrous ammonia. There was a good demand for the arsenicals and other agricultural insecticides and fungicides. Fluorspar noted a good call, with the buying due to the high rate of operations in the steel industry, which was operating at 68 percent of capacity. Soda silicoflouride was firm, due to the small amount on hand. Magnesia silicoflouride was active. Boric acid prices have been extended.

Alums.—There was a good call for the commercial sulphate, with the shipments moving for water treatment and to the other usual channels of consumption in consistent fashion, and prices were termed steady to firm. The call for the ammonia and potash alums was fair, and prices were without change.

Ammonia Anhydrous.—Business here showed further improvement, with the betterment due to seasonal influences, and prices were regarded as firm. A good volume of business was reported on the books for forward delivery.

Ammonia Aldehyde. — This market offered little change during the week just ended, with the call confined to actual wants, and prices were steady to firm.

Ammonia Aqua.—Despite the irregularity in the buying, with the regular consumers endeavoring to hold commitments to actual wants, sellers reported the prices were steady to firm.

Ammonia Persulphate. — Although the market presented little variation from recent weeks, with the shipments moving out in small volume, sellers reported the presence of a steady price tone.

Ammonia Sulphocyanide.—A slow call was shown for this material during the week just closed, with the prices holding unchanged.

Antimony.—A reduction of ⅛c. per pound was shown in the price for the domestic article, with sellers listing the market at 12⅛c. per pound, and the Chinese material was listed around the same levels. From a demand standpoint, the market was a rather dull affair, for consumers in all directions showed no inclination to relinquish the hand-to-mouth practice.

Antimony Oxide.—Request for this material from the ceramic industry held up well throughout the week, with the prices displaying a steady tone. And there was little to report in the market for the needle, with the sellers reporting no change in quotations.

Arsenic.—A good inquiry was noted for the white material, with the buying reaching proportions sufficient to give the market a steady price appearance, and a dull call was noted for the red item, but sellers were holding to quotations in order previously.

Barium Salts.—The market for the chlorate and hydrate as well as the nitrate showed little evidence of improvement, due to the effort of consumers to purchase supplies for nearby requirements only, but the price tone held steady. There was a fair demand for the chloride and carbonate, and a firm tone was in prominence.

Bleaching Powder.—Shipments were moving forward in good volume throughout the week just closed, with the call coming from various routine consumers, and sellers reported the price position of the market firm. In addition, a good amount of business was reported on the books for June delivery.

Blue Vitriol.—No slackening was shown in the call for this material by the agricultural areas, with the movement exceeding the volume of the same period last year; in fact, producers reported that the total thus far this year has gone far beyond the ten-year average. Prices continued to display a firm tendency.

Calcium Chloride.—The warmer weather was a factor stimulating the demand for this material during the period just ended, with the shipments moving against contracts in consistent fashion, and prices were steady to firm. A survey of sellers revealed that a good volume of business was scheduled for delivery during the balance of the month.

Chlorine. — Further broadening in the buying was apparent in this market again last week, with the shipments moving out for utilization in water treatment, and prices were decidely firm at previously established levels. At the same time a good volume of business was reported on the books for forward delivery.

Cobalt Sulphate.—Business in the market for this product continued fairly active, with the price holding firm at the level established in the preceding period.

Copper.—The market for electrolytic copper continued to follow a slow pace, with the consumers showing little interest beyond actual wants, with the result that the total volume for the first three days of June amounted to approximately 600 tons, but the price remained unchanged. Prices at European ports were lower.

Copperas.—A broad demand was shown for this product again last week, with the usual consumers supplying the interest, and a firm tone governed the transactions. The position of surplus stocks favored the presence of a firm tone. Reports were that the steel mill operations would reach the 70 percent level in June, with current operations at 68 percent, according to Iron Age.

Flourspar.—Business was good in this commodity, and the representa-

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

Antimony metal, ¼c. per lb.
Tin crystals, 1c. per lb.
oxide, 1c. per lb.
tetrachloride, anhydrous, ½c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.1

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.2

Market news that may have developed after this report was sent to press will be found on page 2.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 4

BARIUM HYDRATE
BARIUM REDUCTION CORPORATION CHARLESTON, W. VA.

STRETCHER BOND
For Soap, Washing Powders and Detergents
WYO-JEL STICKER and SPREADER
For Horticultural Sprays and Dust
The Wyodak Chemical Co., Station D, Cleveland, Ohio

CAUSTIC SODA
Stauffer
. . . . constantly dependable for half a century
BORIC ACID : CARBON TETRACHLORIDE : BORAX : TITANIUM TETRACHLORIDE : CAUSTIC SODA : SULPHUR CHLORIDE : SULPHUR : SILICON TETRACHLORIDE : CREAM OF TARTAR : SULPHURIC ACID : CARBON BISULPHIDE : TARTARIC ACID
STAUFFER CHEMICAL COMPANY
624 California St., San Francisco, Cal. • 2710 Graybar Bldg., New York, N. Y. • Freeport Texas
Carbide and Carbon Bldg., Chicago, Ill. Rives-Strong Bldg., Los Angeles, Cal.
Stauffer

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EASTERN BUYERS, and also EASTERN SELLERS, should consider the advantages offered both in service and freight savings, available through our organization.
Warehouses and sales offices for Chemical and Allied Products located:
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St. Louis, Missouri
Des Moines, Iowa
Chicago, Illinois
Omaha, Nebraska
New Orleans, Louisiana
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Dallas, Texas
Houston, Texas
San Antonio, Texas
Tulsa, Oklahoma
Wichita, Kansas
Denver, Colorado
Minneapolis, Minnesota
Oklahoma City, Oklahoma
THOMPSON-HAYWARD CHEMICAL CO.
KANSAS CITY. MISSOURI

MANGANESE Sulphate
ZINC Sulphate
COPPER Sulphate
TENNESSEE
TC
CORPORATION
ATLANTA, GA.-LOCKLAND, O.-IN FLORIDA, U. S. PHOSPHORIC PRODUCTS CORP., TAMPA

BLUE VITRIOL
IRVINGTON SMELTING & REFINING WORKS
IRVINGTON NEW JERSEY
NEW YORK OFFICE
30 CHURCH ST.

tive buying movement could be attributed to the continuance of a substantial production rate in the steel industry. In fact, the operations in the steel industry have been holding up so well since the outset of the year that sellers of flourspar reported that the low level of stocks was the cause for the firm price tone.

Magnesia Silicofluoride. — Building trade was placing an active interest in this market, and the price tone continued firm, for the supplies were not too plentiful.

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OXALIC ACID

Guaranteed 99.75% pure or better

Free from corrosive sulphuric and hydrochloric acids. Three crystallizations: large, small and powdered. Uniform mechanical condition.

VICTOR CHEMICAL WORKS
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Nickel Salt.—Demand here continued at a fair pace, but the buying gave evidence of slackening in the nearby weeks, for the automobile output was being tapered off, with the estimates placing the total for the month around 150,000 units. Despite the irregular call, the volume moved to the plating trade was sufficient to give the market a firm appearance.

Potash Carbonate.—There was a fairly active interest in this market at times during the week, with the shipments moving for the account of the textile trade, and prices were held steady to firm.

Potash Caustic.—The market had little to offer in the way of improvement, but the shipments strictly routine, but the volume moving for the account of the soap trade and chemical processors measured up satisfactorily, and prices were without change.

Potash Chlorate.—This market was about the same as the preceding period, with the demand spotty, but the price tone held steady to firm.

Potash Permanganate. — Shipments were moving for the account of the routine consumers, especially use in water filtration, at a representative pace, and the price tone was firm.

Saltcake.—A moderate demand was shown for this material again last week, with the paper and glass trade supplying the major portion of interest, and quotations were well maintained.

Soda Ash.—Shipments against contracts held up surprisingly well throughout the first week of June, with the movement making a favorable comparison with the initial week in May, and producers reported the market appeared steady to firm.

Soda Bicarbonate.—There was a slightly better price tone in the market, with the major portion of the business made up of small quantities, and a steady to firm tone governed the dealings.

Soda Caustic.—This market was much the same as the preceding week, with the exception that a fair volume of business came from small miscellaneous consumers who were replacing depleted month-end stocks, and a steady tone was in evidence.

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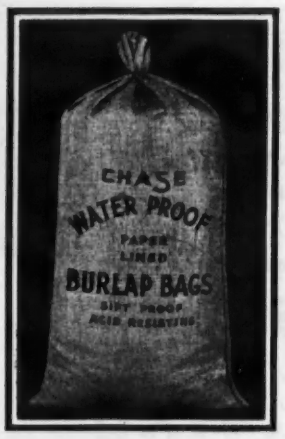

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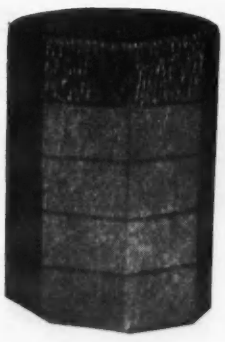

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designed by Chase, are made from the highest grade raw materials, under strict supervision. Constant repeat orders evidences their superiority.

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ESTABLISHED 1847

Department of Specialties CLEVELAND, OHIO

Soda Chlorate.—A better volume of business was transacted in this market, with the shipments moving largely for the account of agricultural interests, and prices held unaltered.

Soda Cyanide. — Shipments against contracts were considered good, although some falling off was noted as a result of a kindred decline in the production schedules of industries consuming the finished products of the plating trade. Prices were firm.

Soda Phosphate.—The caution with which consumers were purchasing supplies, what with the Summer slack taking place in some consuming industries, tended to give this market a rather drab appearance from a demand standpoint, but sellers reported no change in the quotations for the di or tribasic items.

Soda Silicate.—Orders reached the market from the paper box trade and the textile industry at an irregular pace, but producers indicated that the market retained a steady to firm price appearance.

Soda Silicofluoride.—A good interest was shown in this product again last week, with the prices holding firm, for the supplies on hand were said to be limited. Ceramic trade and laundry industry furnished a good portion of the interest.

Tin Salts.—Business in the various tin salts was transacted at lower levels last week as a result of the decline in the price for the basic, with the market reported at one time during the week at 43c. per pound. Tin crystals moved down to 34c. to 34½c. per pound and tin anydrous tetrachloride was priced at 22½c. per pound. Tin oxide was lower at 50c. to 53c. per pound. The world's visible supply of tin increased 2,639 tons during May to 15,967 tons, plus a carryover of 1,936 tons in the Straits Settlements and 477 tons at Holland, making a total of 18,380, and an increase of 1,511 tons over a month ago. The tin control scheme will end December 31, 1936, unless an agreement is reached for its renewal. The four signatory countries, Bolivia, Malaya, Netherlands, East Indies and Nigeria, are willing to continue control for a further period on a basis to which they all agree, provided Siam, Belgian Congo and other tin producing countries participate on satisfactory terms. Siam and Belgian Congo claim substantial increases in the tonnages allotted to them under the present scheme. Negotiations with the Belgian delegation have reached a point which offers reasonable expectation that the delegations of the four signatory countries may be able to recommend a proposal to their governments provided that agreement can be reached on the Siamese claims. It has been decided to send two representatives of the committee to Bangkok to negotiate with the government of Siam. The Siamese government has welcomed this decision and will afford all facilities to the two representatives.

Acids

The market for the acids entering the industrial units reflected the preparations being made for the curtailment of production schedules as a result of the nearness of the summer season. Prices generally were steady to firm. Chromic acid demand was considered fair, although some tapering off in volume was in evidence, what with the plating trade noting a lessened demand for their finished products from the automobile industry. The automobile trade was operating at lower levels. Sulphuric acid was quiet, with the steel production holding at 68 percent of capacity. Oxalic acid was in good demand, with a firm tone in evidence. Seasonal influences also played a prominent part in the buying of lactic acid. Muriatic and nitric acids moved at a slow pace. Acetic acid was steady, although the buying was highly irregular.

Acetic.—Business was irregular during the week, with the prices holding steady to firm.

Battery.—There was little to report in this market, with the shipments strictly routine, and a firm tone was in evidence.

Boric.—Prices have been extended to the second half of the year, with shipments moving against contract in good volume.

Butyric.—There was a fair interest in this market again last week, with the various sorts displaying a steady tone.

Chromic.—Although demand slipped off somewhat last week, sellers reported that a firm tone was in evidence, and the tapering off was due to the letdown in certain industries, due to seasonal influences.

Formic.—This market had little to offer in the way of betterment, with the consumers practicing a hand-to-mouth program, but prices held steady.

Lactic.—Some betterment was apparent on the demand side of the market, with the pick-up in buying due directly to seasonal influences. Prices were without change.

Muriatic.—Another quiet week was noted in this direction, with the shipments being restricted to a volume sufficient to cover nearby requirements, but sellers reported the presence of a steady to firm tone

Nitric.—Although the market had little to offer in the way of a broadening in demand, the market retained a firm price tone, with no change in the schedule.

Oxalic.—Usual consumers supplied a fairly active call in this market again last week, and a firm tone governed the transactions.

Sulphuric.—The slack taking place in a number of the industrial units, with the approach of the summer season, the market was highly irregular as far as demand was concerned, and prices ruled firm. Steel mill operations were at 68 percent of capacity, and the automobile industry was curtailing production as was the textile and tanning industries.

Baltimore, June 3.—With the annual meeting of the National Fertilizer Association almost at hand and with the business in crude fertilizer materials in the doldrums, the market for sulphuric acid partakes of the same general character. Uses of acid in the fertilizer trade are not having any immediate or pressing needs to take care of and consequently figure in the market only to a very limited extent. In fact, it may be said that the demand for acid from this direction is almost non-existent, though, of course, other industries absorb production much as usual. The prevailing situation, of course, affords room for bargaining, and each transaction is generally concluded on its own terms, depending upon the exigencies of the situation. The producers, for their part, are disposed to stand fairly well on the position which they have held, and refuse to make important concessions, with the nominal quotations still at $12 per ton for 60-degree, and at $15 per ton for 66-degree acid. Conditions with respect to oleum are also unchanged, sellers asking $16.80 per ton for 20 percent supplies. No departure of consequence from this state of affairs is looked for at this time or in the near future.

Insecticides

The market for the agricultural insecticides and fungicides moved at an active pace, with the prices displaying a firm tone. Arsenicals were in broad demand. The government weather report stated that in the cotton belt temperatures averaged somewhat below normal, especially from the lower Mississippi Valley westward. Rainfall was substantial in much of the western half of the belt, but little or none occurred in the eastern half, except in the Gulf section. In the eastern belt droughty conditions were intensified and have become very unfavorable. In most of the Mississippi Valley area, and also in the western belt, progress of cotton was mostly satisfactory. Nicotine sulphate was firm. Bordeaux mixture continued in good demand and lime sulphur solution was unchanged.

Bordeaux Mixture.—Demand continued good here during the week, and prices ruled firm.

Calcium Arsenate. — Commitments were moving forward in a consistent fashion, with a firm tone in evidence.

Lead Arsenate.—This market was active again last week, with a firm tone in prominence.

Lime Sulphur Solution.—There was an active interest in this material, and sellers were holding firmly to previous prices.

Nicotine Sulphate. — A favorable amount of business was transacted here, with no change disclosed in the quotations.

Biochemists Wanted

Vacancies in government positions for principal biochemist are the basis of an examination scheduled by the United States Civil Service Commission. Applications must be filed with the commission not later than June 22.

Applicants must have majored in chemistry in a completed four-year course in a recognized college or university, and must have had subsequently at least seven years of full-time paid experience in biochemical research, it being required that at least three years had been spent in the bioassay of nutrient or toxic components of plant or animal products. In lieu of three of the other years of experience postgraduate work will be accepted year for year. Applicants will be rated on the basis of corroborated sworn statements in their applications.

Applicants must be less than fifty-three years old, and must pass certain physical tests.

Among the positions is that of principal biochemist in the Bureau of Chemistry and Soils of the Department of Agriculture, which carries a salary of $5,600 a year.

Quincy Joins Hercules Powder Co.

Lyman Quincy, formerly vice-president of the Quaker Mineral Spirits Company, Philadelphia, has resigned to become associated with the experimental division of the Hercules Powder Company, Wilmington. Mr. Quincy was formerly representative for the Sun Oil Company.

Dr. Bogert Re-elected

Mr. Martson T. Bogert, Professor of Chemistry at Columbia University, has been re-elected president of the Alumni Association of the Graduate Schools of the university.

Perilla Oil and Seed Added to Tax Bill

(Continued from page 20)

Act of 1930, sunflower oil, rapeseed oil, unless denatured, kapok oil, hempseed oil, perilla oil, fatty acids derived from any of the foregoing, and salts of any of the foregoing; all the foregoing, whether or not refined, sulphonated, sulphated, hydrogenated, or otherwise processed, 4½c. per pound; any article, merchandise, or combination, 10 percent or more of the quantity by weight of which consists of, or is derived directly or indirectly from, one or more of the products specified heretofore in this paragraph or in section 602½ of the Revenue Act of 1934, as amended, a tax at the rate or rates per pound equal to that proportion of the rate or rates prescribed in this paragraph or such section 602½ in respect of such product or products which the quantity by weight of the imported article merchandise, or combination, consisting of or derived from such product or products, bears to the total weight of the imported article, merchandise, or combination; hempseed, perilla seed, rapeseed, sesame seed, and kapok seed, 2c. per pound."

Section 702. Processing Tax on Certain Oils.

(a) The first sentence of section 602½ (a) of the Revenue Act of 1934, as amended, is amended to read as follows:—

"(a) There is hereby imposed upon the first domestic processing of coconut oil, palm oil, palm-kernel oil, fatty acids derived from any of the foregoing oils, salts of any of the foregoing (whether or not such oils, fatty acids, or salts have been refined, sulphonated, sulphated, hydrogenated, or otherwise processed), or any combination or mixture containing a substantial quantity of any one or more of such oils, fatty acids, or salts with respect to any of which oils, fatty acids, or salts there has been no previous first domestic processing and no import tax has been paid under section 601 (c) (8) of the Revenue Act of 1932, as amended, a tax of 3c. per pound to be paid by the proces."

(b) Notwithstanding the provisions of subsection (a) of this section, the first domestic processing of sunflower oil or sesame oil, inserted prior to the effective date of this title, shall be taxed in accordance with the provisions of section 602½ of the Revenue Act of 1934 in force on the date of the enactment of this act.

(c) The last sentence of section 602½ (a) of the Revenue Act of 1934, as amended, is amended by striking therefrom the last comma and the words "but does not include the use of palm oil in the manufacture of tin plate."

Section 703. Miscellaneous Provisions.

Nothing in section 601 (c) (8) of the Revenue Act of 1932, as amended, shall be construed as imposing a tax in contravention of an obligation undertaken in any trade agreement heretofore entered into under the authority of section 350 of the Tariff Act of 1930, as amended, or as imposing a tax on the importation of glycerin or stearine pitch or on the importation of any article by reason of any component of such article derived directly or indirectly from a waste not named in section 601 (c) (8) of the Revenue Act of 1932, as amended. Section 402 of the Revenue Act of 1935 is hereby repealed. All taxes accrued or paid under section 402 of the Revenue Act of 1935 on the importation of glycerin or stearine pitch shall be remitted or refunded under such regulations as the Secretary of the Treasury may prescribe.

Cottonseed Producers Seek Imports Cut

(Continued from page 21)

into our country at prices with which our standards of living cannot compete.

Getting a little closer home, we have during the past year or two seen evidence of the results of our efforts toward the betterment of conditions for our own industry. We have secured at least a measure of protection for our cotton oil by the enactment of an excise tax upon a few imported oils and fats, and we hope to soon make this protection more effective.

We also have a seed grading bill presented to Congress, which aims to give the farmer price publicity, which should make the selling of cottonseed as simple for him as the selling of cotton.

The Bureau of Agricultural Economics in Washington has published a survey of our cottonseed marketing practices as practiced in the past, and a study of this survey and our knowledge of our past experience and methods of marketing cottonseed should convince us of the necessity for standardizing our seed marketing methods by an accurate and well authenticated price reporting and seed grading system, supervised by competent government authorities.

We have, during the past few years, so managed our affairs, through our liberality or errors in not establishing proper foreign trade restrictions, that we are importing a much larger volume of agricultural products than we are exporting, and this, notwithstanding the fact that we think we are agriculturally independent of the outside world.

One of the weak links in our chain of national independence is sectional prejudice, caused to some extent by the fact that a few of our products compete with products of other sections, and rather than work together for a solution of our problem, we seek to import foreign goods, rather than solve a few minor domestic adjustments in our own trade relations.

Constructive Work Necessary

Mr. Pendleton, the new president, pointed out the proposed co-operation and constructive work necessary to place the industry where it can best serve both the producer and the consumer, and pledged his whole-hearted co-operation and support for the betterment of the industry during the year.

The resolution opposing the unnecessary importation of foreign fats and oils was submitted by W. L. Weber, of the Taft Cotton Oil Company, Taft, Tex., and pointed out that during 1935 there was imported into the United States 2,618,386,000 pounds of fats and oils, and that the use of these products resulted in lessening the demand for cottonseed oils as well as other domestic oils and fats and lowering their value to the cotton grower and other fats producers who are struggling under every economic condition.

It resolved:—That the members of the National Cottonseed Products Association in convention assembled go on record as being opposed to unnecessary imports of foreign fats and oils and recommend ample protection be given Aemrican producers of these commodities;

That the members of this association pledge themselves and urge their friends and neighbors to consume only shortening and other edible products that are manufactured from domestically produced fats and oils; and

That all edible fats and oil products be correctly labeled in order that the consumer may know what kind of fats he is eating, and if necessary this association endorse and support legislation to this end.

T. H. Gregory, executive vice-president of the association, stressed the value of the educational program which has been carried on. He said much adverse legislation, both national and state, has been proposed during the past year, and while little of this has been passed, these bills are still in the hopper, and it will be necessary that careful watch be maintained to see that organization's interest and that of the producer of raw material is protected against unjust discrimination, both local and foreign.

National Oils, Fats Policy

A paper on "A National Policy for Oils and Fats," was read before the assembly by W. H. Jasspon, president of the Perkins Oil Mills and the Memphis Merchants Exchange, Memphis, Tenn. Pointing out the liberality of some of our existing foreign trade pacts, Mr. Jasspon stated: "While we urge reciprocity, other nations are building higher tariff walls in self defense. It takes two to make a reciprocal bargain. The fact that imports totalling the huge volume of far over 2,000,000,000 pounds came in over existing tariffs and excises is adequate proof per se that present rates are too low and too restricted. We did not need all of these goods. Because they were cheaper they went into shortening, margarin and salad oils in substitution for, and partly at the expense of, domestic fats; and not because the deficiency in the supply of domestic fats actually existed to the full extent of imports."

Mr. Jasspon further pointed out some of the flaws in our present and proposed legislation regarding oils and fats, and in conclusion urged proper consideration of the following principles for national advancement:—

Enactment of national and State legislation providing for exact labelling of edible products which contain oils and fats, and whether of American or foreign origin.

A program of education whose objective will be an informed public opinion. It should emphasize the necessity of "buying American," at this stage of national and international economy. We should interpret our aims to the public and governmental officials alike, thus promoting the general welfare on the one hand and frustrating subversive legislation on the other.

Definite representations should be made to our State Department as to the implications and consequences of their past and proposed trade treaties. If modification of existing treaties is possible, reduced quota limitations should be sought.

By the use of a series of printed placards, A. L. Ward, educational director of Dallas, Texas, illustrated a condensed report on educational activities of the association during the past year.

A deeper spirit of co-operation between the Department of Agriculture and the cotton oil industry is now being enjoyed through the efforts of the Research Committee, according to E. R. Barrow of Memphis, Tenn., chairman. This committee was formed in 1921.

An annual handicap golf tournament was held at the New Orleans Country Club the opening day. Ninety-eight trophies, donated by friends of the industry, were presented to the winners. The Tip Top Inn of the Roosevelt was the scene of the annual banquet and dance which took place on the evening of the second day.

De Greeff Sails for Vacation

Robert de Greeff, president of R. W. Greef & Co., chemical merchant, this city, sailed June 5 on the steamship Statendam bound for Holland. Mrs. de Greeff and daughter accompanied him and the family will be abroad about about two months. In addition to visiting in Holland, Mr. de Greeff will also spend considerable time in England.

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Ceramics

Softening agent (Brit. 435864) in—
Compositions, containing cellulose derivatives, used as coatings for protecting and decorating ceramic products

Chemical

Softening agent (Brit. 435864) for—
Cellulose derivatives

Cosmetic

Softening agent (Brit. 435864) in—
Nail enamels and lacquers containing cellulose derivatives as a base material

Electrical

Softening agent (Brit. 435864) in—
Insulating compositions, containing cellulose derivatives, used for covering wire and in making electrical machinery and equipment

Glass

Softening agent (Brit. 435864) in—
Compositions, containing cellulose derivatives, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Softening agent (Brit. 435864) in—
Adhesive compositions containing cellulose derivatives

Leather

Softening agent (Brit. 435864) in—
Compositions, containing cellulose derivatives, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metallurgical

Softening agent (Brit. 435864) in—
Compositions, containing cellulose derivatives, used as coatings for protecting and decorating metallic articles

Miscellaneous

Softening agent (Brit. 435864) in—
Coating compositions, containing cellulose derivatives, used for protecting and decorating various products

Paint and Varnish

Softening agent (Brit. 435864) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose derivatives

Paper

Softening agent (Brit. 435864) in—
Compositions, containing cellulose derivatives, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Softening agent (Brit. 435864) in making—
Films from cellulose derivatives

Plastics

Softening agent (Brit. 435864) in making—
Laminated fiber products
Molded products
Plastics from cellulose derivatives

Resins

Softening agent (Brit. 435864) for—
Resin-cellulose derivative compositions and solutions

Rubber

Softening agent (Brit. 435864) in—
Compositions, containing cellulose derivatives, used as coatings for decorating and protecting rubber products

Stone

Softening agent (Brit. 435864) in—
Compositions, containing cellulose derivatives, used as coatings for decorating and protecting artificial stone and natural stone

Textile

Softening agent (Brit. 435864) in—
Compositions, containing cellulose derivatives, used in the manufacture of coated fabrics

Woodworking

Softening agent (Brit. 435864) in—
Compositions, containing cellulose derivatives, used as protective and decorative coatings on woodwork
Plastic compositions, containing cellulose derivatives, used for many filling and repairing purposes on wood

Cupric Chloride

(Chlorkupfer, Chorure Cuivrique, Cloruro Cobrico, Cloruro Ramico, Copper Bichloride, Copper Chloride, Copper Dichloride, Kupferbichlorid, Kupferchlorid, Kuprichlorid)

Analysis

As a reagent

Chemical

Catalyst in—
Deacon chlorine process
Catalyst in making—
Acids, esters, and ethers from alcohols and carbon monoxide (Brit. 397852)
Cellulose esters (French 660623)
Esters from lower aliphatic acids and olefins (Brit. 398527)
Organic chemicals by various processes
Phthalyl chloride or its homologs by reacting phthalic anhydride, or its homologs, or its nuclear substitution products, with benzilidene chloride or benzyl chloride (Brit. 414570)
Crystallizing accelerator (French 689040) for—
Ammonium chloride solutions
Ingredient of—
Catalytic mixture used in making chlorobenzene from benzene, air, and hydrochloric acid gas (Brit. 362817)
Catalytic mixture used in making ketenes (such as acetic ketene, ethyl ketene and propyl ketene) from an aliphatic ketone or a secondary alcohol (Brit. 396568)
Oxidizing agent in various manufacturing operations
Starting point in making—
Copper chromate

Dye

Oxidizing agent in making various dyestuffs

Explosives and Matches

Ingredient of—
Pyrotechnic compositions

Ink

Ingredient of two-solutions in making—
Indelible inks
Laundry marking inks
Reagent in—
Sympathetic inks

Insecticide

Ingredient of—
Insecticides

Metallurgical

Ingredient of—
Baths for coloring iron and tin
Electrolyte for plating copper on aluminum

Miscellaneous

Etching agent for—
Galvanized iron prior to painting

Paint and Varnish

Starting point in making—
Chrome brown pigment
Pigments with portland cement, casein, oil and glue (French 573338)

Paper

Preservative for—
Pulp

Petroleum

Catalyst (French 671035) in—
Transforming mineral oils into hydrocarbons of lower boiling point with simultaneous decoloration
Deodorizing agent in processing—
Distillates
Desulphurizing agent in processing—
Distillates
Impregnating agent (U.S. 1965821) for—
Fuller's earth used in sweetening processes for gasoline
Ingredient (Brit. 406963) of—
Catalytic mixtures used in manufacturing and refining operations involving hydrogenation
Purifying agent (U.S. 1963555, 1963556, and 1914953; Brit. 398794) for—
Hydrocarbon oils

Photographic

Fixing agent (Brit. 401340) in making—
Color pictures from silver pictures
Reagent in—
Photographic processes

Textile

Catalyst in making—
Diphenyl and anilin blacks in printing cotton goods
Ingredient of—
Discharge baths containing also nickel and cobalt

Veterinary Medicine

Suggested for use as a drug

Water and Sanitation

As a disinfectant

Woodworking

As a wood preservative
Starting point (French 629145) in making—
Wood preservatives by admixture with arsenic and other products

Dihydroxydiphenylpropane

Rubber

Promoter (Brit. 437304) of—
Resistance to the deteriorating action of light on chlorinated rubber used in the production of flexible, transparent films suitable for wrappings, paper-coatings, or the like, or in the manufacture of laminated glass

2:2'-Dimethyl-8-ethyl-4:5:4':5'-dibenzoxacarbocyanin Bromide

Photographic

Sensitizer (Brit. 432969) for—
Silver halide emulsions (sensitizing maxima: 580 mu)

Ethylene Difluoride

Petroleum

Solvent (Brit. 436044) in—
Flushing oil composition for internal-combustion engines; flushing oil is based on light lubricating oil of either paraffinic or naphthenic origin and contains various other products; naphtha, isopropyl alcohol, or acetone may be added to reduce the viscosity; practice is to flush (1) with oil containing a high proportion of solvent to remove most of the sludge, (2) with oil containing a lower proportion of solvent

Ethyleneglycol Isopropylether

Petroleum

Solvent (Brit. 436044) in—
Flushing oil composition for internal-combustion engines; flushing oil is based on light lubricating oil of either paraffinic or naphthenic origin and contains various other products; naphtha, isopropyl alcohol, or acetone may be added to reduce the viscosity; practice is to flush (1) with oil containing a high proportion of solvent to remove most of the sludge, (2) with oil containing a lower proportion of solvent

Lauryl Rhodanate Sodium Salt

Insecticide

Insecticide of high toxicity for use in sprays

Lead Titanate

(Plomb de Titane, Plomb Titanique, Titanate de Plomb, Titansauresblei)

Paint and Varnish

Pigment in—
Paints, varnishes, lacquers; it is of pale-yellow color, and is said to have a very high hiding power, to be inert toward all paint mediums and resistant to chalking, to absorb ultraviolet light to the extent of practically 100 percent, placing it in the same category as carbon black and giving it a protective effect on other tints; it is claimed that a film of lead titanate in oil exposed to outside weather conditions showed remarkable superiority over the usual lead-zinc oxide extender paint, and after three years at 45° south was still sound; it is further claimed that: "many uses suggest themselves for a pigment with the characteristics of lead titanate; it will undoubtedly find a place in the formulation of exterior house paint tints for the purpose of increasing durability and giving better control of type of failure and tint retention; its properties and behavior in linseed oil also suggest possible advantages as a pigment constituent for exterior primers on wood; it is also apparent that it will be a useful material for finishing coats on steel structures such as bridges, gas-holders, and other industrial units where long life and protection from corrosion are essential factors; lead titanate has also rust-inhibitive properties to a marked extent when applied as the first coat to iron and steel; comparisons with red lead, for example, have been made over a four-year period, and for this period lead titanate appears to be equal to red lead as a rust-inhibitor; this period of test is not sufficiently long nor are the tests sufficiently numerous for making an arbitrary statement with respect to this property, but it is at least indicative of some rust-inhibitive value; in enamels and other gloss finishes lead titanate contributes not only to long life, but to gloss and color retention."

Sodium Naphthionate

(Naphthionate Sodique, Naphthionate de Soude, Naphthionsaueresnatrium, Napthionsaueresnatron, Natrium Naphthionat, Natron Naphthionat)

Analysis

Reagent in detecting—
Nitrous acid

Dye

Intermediate in making—
Azo dyes

Mechanical

Ingredient (U.S. 1895014) of—
Lubricating composition, containing also graphite, gum solution, triethanolamine

Miscellaneous

Dust-laying substance (French 599497) for—
Highways

Trichloro-tertiary-butyl Alcohol

Petroleum

Solvent (Brit. 435096) in—
Refining mineral oils

Coaltar Chemicals

Cresylic Acid Shortage Unrelieved — Crude Naphthalene Strong — Benzol Active — Solvent Naphtha and Xylol Scarce — Phthalic Anhydride in Good Demand

The market for coaltar chemicals experienced little change from the preceding week, with the market generally displaying a decidedly firm tone as a result of a shortage prevailing in a number of the basic products. Supplies of crude naphthalene, cresylic acid, toluol, solvent naphtha and xylol were in limited supply. Intermediate and colors displayed a steady to firm tone.

The shortage in cresylic acid was unrelieved, with the domestic sellers as well as importers reporting that the call exceeded the supply. Synthetic resin industry continued as the prominent buyer. Phenol was also moving out in good quantities to the synthetic resin trade, pharmaceutical and dyestuff intermediate industries in consistent fashion. Creosote oil was moving forward under seasonal influences, and the surplus stocks were of an amount favorable to the presence of a decidedly firm tone. Solvent naphtha and xylol commitments were withdrawing actual production, and the prices in both instances were decidedly firm.

Toluol continued to display a firm tone, with the contract shipments moving forward at such a pace that sellers reported the spot market was bare of supplies. Reports from the automobile industry indicated that a letdown was gradually taking place, and indications were that the June production would approximate only 150,000 units, after which month the producers were expected to make arrangements for the changing-over to new models. Benzol demand continued good, with sellers reporting that the domestic buying continued at a pace sufficient to take up the slack noted in the inquiry for export shipment. Steel mill operations were at 68 percent of capacity.

Crude naphthalene continued in short supply, with the refiners placing a heavy call as a result of the broad seasonal demand for their product. Prices for refined naphthalene were firm, and the quotations for the crude material were strictly nominal. Interest was shown in the April imports of naphthalene, with the total placed at 4,117,295 pounds, valued at $78,181, with the United Kingdom shipped 1,856,787 pounds, valued at $78,181, of which the hydride continued in good demand. Anilin oil was active, and anthranilic acid passed through a quiet week. The brighter shades featured the market for the colors.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

None.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.4	126.4	126.4	122.6

Market news that may have developed after this report was sent to press will be found on page 2.

Basic Products

Benzol.—Shipments were moving out to the rubber trade and other routine consumers in fair volume during the week just closed, and sellers here reported quotations appeared steady. Iron Age reported that steel mill operations were maintained at 68 percent of capacity last week, and the expectation was that June operations would be around the 70 percent level, due to the placing of orders before the rise in prices in July. The same source reported that pig iron production for May was 2,629,957 tons, an average of 84,837 tons a day and a gain of 5.9 percent over April, establishing a new six-year record. On June 1 there were 147 stacks at blast, an increase of three over the previous month. It was also reported that steel requirement for production of 1936 models by the automobile industry is expected to have been purchased by June 15 and not more than a month will be needed to complete shipments. It is possible that motorcar makers will stock steel this month against price advances, according to Iron Age.

Creosote Oil.—A good inquiry continued for this material during the period just closed, with the shipments moving forward at a pace indicative of a covering for seasonal requirements, and prices ruled unchanged. April imports amounted to 2,317,287 gallons, valued at $253,566, of which Netherlands shipped 484,261 gallons; United Kingdom, 1,738,121 gallons, and Canada, 94,905 gallons.

Cresylic Acid.—This market was much the same as the preceding period, with the contract shipments moving out in volume sufficient to absorb the current production, leaving the spot market without supplies. This shortage in supplies was not confined entirely to the domestic market, for reports from abroad continued to tell of the shortage there. April imports consisted of 157,339 gallons from the United Kingdom, valued at $60,437.

Naphthalene. — This market was much the same as the preceding period, with the market for the crude material showing a strong tone, which strength was naturally translated to the refined product. April imports amounted to 4,117,295 pounds, valued at $78,181, of which Belgium shipped 66,138 pounds; Czechoslovakia, 991,977 pounds; Germany, 369,110 pounds; Netherlands, 221,706 pounds; Poland and Danzig, 275,577 pounds; Russia, 336,000 pounds, and the United Kingdom, 1,856,787 pounds.

Phenol.—An active inquiry continued in evidence here, with the synthetic resin industry and the pharmaceutical trade as well as the dyestuff intermediate manufacturers placing consistent call, and the price tone remained firm at the levels in force previously.

Solvent Naphths.—A good volume of business was transacted for routine account here, with the contract shipments of the industrial water white commodity equivalent to the actual production. Prices ruled firm at the levels in force previously.

Toluol.—Business here was active again last week, with the contract shipments of such a volume that the spot market was without supplies, and the price tone was firm. Early reports indicated that the automobile production in June would total approximately 150,000 units, which will be a decided decline from the May total, but operations in the automobile industry have been undergoing curtailment for the past month.

Xylol.—There was a good call for this material, with the market noting a scarcity of supplies as far as the spot market was concerned, and prices were regarded as firm.

CHICAGO, June 3.—Easiness in benzol continues to be the principal, or virtually the only, disturbance in the price situation in the coaltar bases market here. Price shadings have been reported in grades of that product recently. Toluol is still moving in good quantities, as are xylols, etc. Ruling prices of representative sellers exclusive of tax are:—Benzol, 90 percent, 17c. to 18c. per gallon; motor benzol, 12c. to 13c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13½c.

Coaltar Acids

Anthranilic.—This market was strictly routine during the week just closed, with the prices displaying a steady to firm tone.

Benzoic. — New developments were lacking in this direction, with the shipments limited to immediate wants, and quotations remained steady.

Cleve's.—Nothing new was uncovered in this direction, with a few small quantities making up and prices were steady to firm.

Koch.—Little interest was shown in this market, with jobbing quantities making up the call, and prices were without change.

Picric.—A firm tone continued as a prominent factor in this direction, with the shipments moving out at a fair pace, and prices were firm.

Salycylic.—A good interest was disclosed in this market during the week just closed, with the textile trade and other usual consumers supplying the call, and prices were firm.

Tobias.—Regular buyers furnished a fairly good call in this market at times during the period just closed, and the price tone remained firm.

Other Intermediates

Alphanaphthol.—Demand here continued irregular during the week, but the prices were steady.

Anilin Oil.—Business in this market held up well throughout the period under review, with a firm tone prominent.

Anthraquinone.—This market offered little change during the week just ended, with the shipments moving out in routine fashion, and a firm tone governed the dealings.

Benzidin Base. — Despite the dull character of demand again last week,

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 4

CHEMICALS

BARRETT

Barrett

COKE OVEN LIGHT OIL DISTILLATES

SHORT BOILING RANGES

Short boiling range at desired temperatures promotes quick completion of evaporation or drying processes and reduces loss of solvent in recovery operations. Close and careful cutting provides extremely short boiling ranges of Barrett Coal-tar Solvents. This holds true for coal-tar solvents of both low and high initial points.

Barrett Coke Oven Light Oil Distillates include Benzols, Toluols, Xylols, Solvent Naphtha and Hi-Flash Naphtha with a wide range of initial and end points. Write for our convenient specification chart and for complete information on Barrett Coal-tar Solvents. Inquiries for special solvents are invited and will receive the careful attention of experts in the manufacture and use of coal-tar solvents.

BENZOL
TOLUOL
XYLOL
SOLVENT NAPHTHA
HI-FLASH NAPHTHA

THE TECHNICAL SERVICE BUREAU of The Barrett Company invites your consultation with its technically trained staff, without cost or obligation. Address The Technical Service Bureau, The Barrett Company, 40 Rector Street, New York.

THE BARRETT COMPANY
40 Rector Street, New York, N. Y.

sellers reported quotations were in line with previous values.

Betanaphthol.—This market enjoyed a broad demand, with sellers reporting no slackening in the contract movement, and, as a result of the heavy withdrawals, the market noted a decidedly firm tone.

Dinitrotoluene.—While a highly irregular demand was shown for this material, the continuance of a firm tone in the basic product was a factor responsible for a portion of the firmness here.

Nitrotoluene.—This market was a rather drab affair again last week, with the call made up of routine shipments, and the prices were said to be firm.

Orthonitrobenzene.—Shipments continued to move out in good volume throughout the week, and a firm tendency was apparent in the price structure.

Orthotoluidin.—Despite the lull noted at various times on the demand side of the market, the price position of the market appeared firmly entrenched.

Phthalic Anhydride.—Continuance of an active inquiry was reported here, and the firm character of the price tone overshadowed the market.

R Salt.—Few and far between were sales of this material, but the dull demand failed to have an influence on the market otherwise.

Schaeffer's Salt.—This situation presented little variation from recent weeks, with demand spotty, and quotations were without change.

J&L LIGHT OIL DISTILLATES

PURE BENZOL
90% BENZOL
PURE TOLUOL · XYLOLS
SOLVENT NAPHTHA

JONES & LAUGHLIN STEEL CORPORATION
AMERICAN IRON AND STEEL WORKS
JONES & LAUGHLIN BUILDING, PITTSBURGH, PA.

CRESYLIC ACID 97-99% Pale

AMERICAN-BRITISH CHEMICAL SUPPLIES, Inc.
180 MADISON AVE. Telephones: Ashland 4-2265 and 4-2266 NEW YORK

NEVILLE RESIN

PROTECTIVE coatings based on Neville Resin are corrosion resistant and durable to weather exposure.

- This distinctive paracoumarone-indene resin is non-saponifiable, neutral and chemically stable, having great resistance to alkalis, dilute acids, water and brine.
- *Detailed information on specific problems gladly furnished.*

The NEVILLE Company
PITTSBURGH, PA.

3

Coaltar Distillation Is Mandatory in Germany

The German government has issued a decree requiring that, from July 1, 1936, the entire national output of coaltar shall be delivered to distillation plants equipped for recovering light and medium oils.

All producers of coaltar, according to information received by the Department of Commerce from the consul at Frankfort-on-Main, will be required to report to the official trade control Board for Mineral Oil, before the tenth of each month, the volume of their coaltar production in the preceding month and the respective amounts thereof processed in their own distillation plants and delivered to other officially recognized plants. Dealers also are required to report to the official trade control board.

Coaltar Colors

The market for the coaltar colors displayed a steady to firm tone during the week just closed, with the shipments moving forward at a pace indicative of the continuance of the hand-to-mouth buying. Some units in the textile industry reflected the approach of the summer season. Reports from the domestic cotton cloth mills indicate that production is exceeding sales, with gross manufacturing margins showing a downward tendency. Silk and rayon mills were operating on conservative schedules. The lighter shades were prominent on the demand side of the market, with the greys, blues, white and brown moving forward. The dyes utilized in stains continued to experience a fair demand.

Germany to Increase Benzene Production

Production of benzene in Germany is destined to undergo considerable increase in the future in consequence of arrangements developed for the extraction of this oil from illuminating gas by the smaller municipal gasworks with a yearly gas output as low as 2,500,000 cubic meters, according to the information received by the Department of Commerce from the consul at Frankfort-on-Main.

It was originally contemplated that only larger gas plants with output of at least 10,000,000 cubic meters would recover benzene, but investigation revealed that most of these large plants already had installed benzene recovery equipment, so that if substantially larger production was to be realized from illuminating gas it would be necessary to lower the required recovery level to smaller plants.

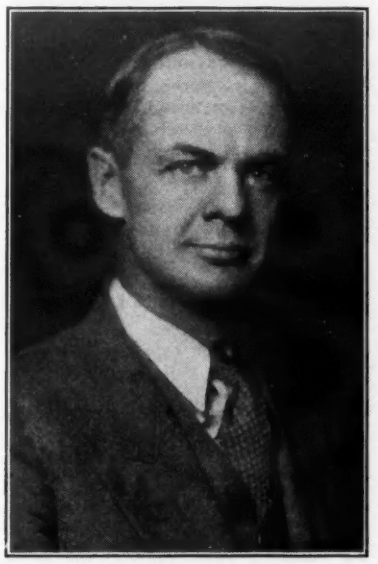
Germany's tota municipal illuminating gas production averages over 2,780,000,000 cubic meters a year, and since around 20 to 30 grams of benzene per cubic meter of gas can be recovered, a considerable national output of benzene from illumniating gas can be achieved if smaller gasworks recover it.

MCA Votes Opposition To Tariff Bargaining

(Continued from page 22)

There has been, he said, a change in the significance of fundamental terms and the designation, "liberal," now denotes a transfer of individual liberties to the State.

Political innovation in the United States has a close relationship to new conceptions in Europe, Mr. Sullivan said, but they are not wholly identical because local characteristics naturally differ. He doubted that any collectivistic mechanism could exist under the



Warren N. Watson
Secretary of M.C.A.

Constitution; certainly, he said, it cannot exist under the Constitution as it is. The question as he saw it was whether it would be possible to retain the Constitution and the power of the court.

Once government starts to regulate industry, he continued, there is no stop short of complete control. Changes in the material world must be considered as an influence of political trend. He questioned however the extent to which these make changes necessary in social or political forms. Some effect must be considered, he continued, but this is in the technique and not in the principle. He did not attempt to say how much change was inevitable or what would be its form.

Titanium Pigment Co. Doubling 'Titanox' Output

The Titanium Pigment Company's capacity for the production of "Titanox A" (titanium dioxide) at the company's Sayreville, N. J., plant will be doubled when present expansion operations are completed. Machinery is being installed, buildings are to be constructed to provide additional warehousing space, and, officials of the company expect that by January, 1937, the plant will be able to produce twice as much of this pigment as it does now. The Sayreville plant has been in operation since April last year, and it was designed so that additional operating units could be added with a minimum of expense for new construction.

Plans are also being pushed to provide for a deeper channel in the Raritan river so that large-sized ocean-going vessels may dock cargoes of raw materials at the plant. Present channel depths limit the size of ocean carriers at the plant's dock.

W. A. Chambers Retires

Walter A. Chambers, well known in oil trade circles here and in other parts of the country, has retired from active business. He was head of the firm of G. L. P. Chambers & Co., which was organized over 50 years ago, and which specialized as brokers in fish oils. He was a member of the Oil Trades Association of New York and also of the New York Produce Exchange, which he joined nearly 30 years ago. Mr. Chambers left New York last Wednesday for Long Beach, California, where he will reside at 3645 East Fifth street.

BUILDING UP YOUR MARKETS

KOPPERS AND THE *Synthetic Organic Chemicals* INDUSTRY

This is one of a series of advertisements which are appearing each week in Business Week, reaching 90,000 important business executives in this country. In these advertisements Koppers is pointing out ways in which certain groups of chemical products (which you manufacture) are serving each of a wide variety of industries.

About two-thirds of the companies in the synthetic organic chemicals industry are concerned with the manufacture of chemicals of coal tar origin and to many of these companies Koppers supplies the raw materials which are converted into dyes, resins, tanning materials, rubber chemicals, medicinals, photographic supplies, insecticides and explosives. Koppers also supplies the synthetic organic chemicals industry with coal tar roofing and waterproofing materials, coal tar creosote, road tars and coal tar paints for use in the construction and maintenance of its various chemical plants and properties.

KOPPERS PRODUCTS CO.
PITTSBURGH, PENNSYLVANIA

1. Tarmac for Roads 2. Roofing Materials 3. Waterproofing Materials 4. Bituminous Paints 5. Creosote for Wood Preservation. 6. Light Oils 7. Tar Acids

Benzol, (all grades) . . . **Toluol,** (Industrial and Nitration) . . . **Xylol,** (10° and Industrial) . . . **Solvent Naphtha,** (Including High Flash) . . . **Phenol,** (82% and 90% Purity) . . . **Cresol,** (U. S. P. Resin and Plasticizer Grades) . . . **3° Meta Para Cresol** . . . **Cresylic Acid,** (Disinfectant Grades—98%, pale, low boiling) (Insecticide Grades—98%, pure, high boiling) . . . **Naphthalene** . . . **Shingle Stain Oil** . . . **Refined Tars** . . . **Tar Acid Oils** . . . **Pitch Coke.**

Dyestuffs and Textile And Leather Chemicals

Mangrove Bark and Myrobalans Higher — Divi-Divi Lower — Egg Products Firmer — Fair Call for Bichromates — Fustic and Logwood Steady — Dyestuffs Dull

Business in the market for dyestuffs and tanstuffs was slow during the week just closed. The dull character of demand reflected the in-between season in some divisions of the textile industry, as well as a continuance of the hand-to-mouth purchasing policy on the part of the tanning industry. Changes in the market included a slight rise in the prices for mangrove bark and J2 myrobalans and a lower price for divi-divi.

A firmer price tone developed in the market for the egg products, with the betterment in the price position due to the statistical position of the market as far as supplies were concerned. It was reported that spot stocks were down to a low level and that the new crop was not expected to arrive here before July. And an idea of the statistical position might be gleaned from the fact that withdrawals of dried egg products in the first five months were larger in 1936 by approximately 33⅓ percent, when compared with the same period last year.

Higher prices for mangrove bark and J2 myrobalans could be attributed to the influences at the primary market, for demand here indicated that consumers were not inclined to relinquish the hand-to-mouth policy. A lower price was noted for divi-divi, with the lower quotations due possibly to effort on the part of sellers to stimulate interest. Valonia prices continued nominal, and the nominal price position of the market was due directly to the fact that the material is scarce. The call for wattle bark appeared in the doldrums. Quebracho prices displayed a steady to firm tone, with a fair amount of business on the books for delivery during June.

A firm tone continued to govern the transactions in the market for the bichromates, with the firm price position reflecting the replacing of depleted month-end stocks by certain miscellaneous consumers. Zinc dust held steady, for reports indicated that the basic metal was in a similar price position. Alumina chloride demand held up fairly well, with no change disclosed in the quotations. And there was little to report in the market for antimony salt. Dyestuffs displayed a dull demand, but prices generally were steady to firm. Annatto and cochineal were unchanged. Business in fustic and logwood was irergular. Reports from the cotton cloth industry indicated a curtailment was in the offing as far as production was concerned. Woolen mills were dull.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Mangrove bark, 50c. per ton.
Myrobalans, J2, 50c. per ton.

Reduced

Divi-divi, $1 per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.5	152.5	152.6	151.8

Market news that may have developed after this report was sent to press will be found on page 2.

Chemicals

Alumina Chloride. — A fairly active call was shown for this material, with the interest being furnished by the pharmaceutical trade and the dye industry, and prices were firm at the levels in effect previously.

Antimony Salt.—This market offered little change during the course of the period under survey, with the shipments moving out in moderate volume, and prices were well maintained.

Potash Bichromate.—There was a favorable interest noted in this market throughout the period under review, with the contract shipments indicating that some consumers were replacing depleted month-end stocks, and prices were regarded as firm at the levels in force previously.

Potash Prussiate.—Business in the red material continued to be limited to immediate production wants, but the volume was sufficient to give the market a steady tone, and quotations ruled unchanged. The call for the yellow item was conservative, with a steady tone in evidence.

Soda Bichromate.—A good volume of business was transacted for routine account in this market, with a firm tone prominent. May consumption was said to have measured up satisfactorily.

Zinc Dust.—Business here continued at a good pace throughout the week under review, with the prices displaying a steady to firm tone, for the basic product remained unchanged.

Dyestuffs

Annatto.—Business here lacked improvement during the week just ended, with the paste and seed material moving out in jobbing quantities, and prices displayed steady to firm tone.

Archil.—The market revealed little change from recent weeks with the call confined to covering for immediate requirements only, but the relative quiet failed to have an influence on the market from a price standpoint, for a firm tone was in evidence.

Cochineal.—Request for the Teneriffe silver and grey items continued to show an inclination on the part of the consumers to refrain from purchasing until needs reached an imperative stage, and quotations were steady to firm.

Fustic.—With some sections of the textile industry entering the in-between season, the market for the various sorts of this material experienced a highly irregular demand during the week just closed, and a steady to firm tone was reported.

Hematine.—There was little to report in this market during the course of the week just closed, with the call dull, but the price tone was steady.

Indigo.—The market for the natural material continued at a slow pace, but the prices held firm. The market for the synthetic item experienced a fairly active call, and quotations were without change.

Logwood. — This situation offered little change from the previous week, with buying limited to small quantities, but no change occurred in the quotations.

Madder, Dutch.—Another slow week was recorded in this market, with the call consisting of an occasional small quantity, but the limited amount of material on hand tended to give the market a firm tone.

Sizing Materials

Albumen.—Further betterment was shown on the demand side of the market for the edible egg albumen, with the prices displaying a firmer tendency, and this firmness could be attributed to the low amount of supplies on hand here, for the new crop arrival is not due until July. Business in the blood article continued fair, and prices were unchanged.

Dextrin.—The call for the corn derivatives continued to hold up satisfactorily, with the shipments moving forward at a pace indicative of covering for nearby requirements, and prices were without change. The market otherwise was strictly a routine affair.

Egg Yolk.—The market appeared firmer at the end of the week, with the improved price tone due to the active buying shown in the market over the past few weeks as a result of seasonal influences, plus the fact that surplus stocks were not too large, and sellers were asking the quotations in order previously.

Frozen Eggs.—The market on the New York Produce Exchange was dull. On Friday June whole mixed futures closed at 16.70c. to 17.25c.; July 16.70c. to 17.30c.; August, 16.90c. to 17.40c.; Sept., 16.90c. to 17.50c. Spot nominal.

Starch.—The market for the corn derivatives continued to display a steady to firm tone, with the shipments moving for the account of routine consumers in moderate volume, and prices for the other sorts revealed a steady tone.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 4

Tanning Materials

Divi-Divi.—Business continued at a slow pace here, with some material available at $35 per ton.

Gambier.—This market showed little variation from recent weeks, with the common material listed at the prices of the previous week, and demand was slow. The call for the plantation item as well as the Singapore cubes continued at a highly irregular pace, and prices were in line with previous values.

Mangrove Bark.—This market was much the same as the preceding week as far as demand was concerned, with consumers covering when needs were urgent, but cables from the primary point indicated a stronger market and sellers were listing $27 per ton.

Myrobalans.—The market for the J2 material was higher at $15 per ton, and there was no change shown in the J1 product, and the R2 item was listed at $14.50 per ton. Consumers continued to follow the practice of purchasing for immediate needs only.

Quebracho.—Although the call was highly irregular throughout the week just closed, with the shipments restricted to immediate production requirements, sellers reported the market presented a firm price position. This firmness was due in some sense to the fair amount of business schedules for delivery during the balance of the current month.

Valonia.—Nothing new was uncovered here, with the supplies practically unobtainable, making the market price position strictly nominal.

Wattle Bark.—Although the market appeared in the doldrums during the period just closed, sellers reported prices were steady to firm at $28 to $29 per ton.

C.D. Formulas Are Increased by Three

(Continued from page 20)

All former completely denatured alcohol formulas are revoked except that formulas 5-A and 10, as modified by Treasury decision 4646 issued last week will remain in effect until stocks of alcohol affected by them have been exhausted.

Pontol-K and Hydronal are products of the duPont Company; ST-115 is manufactured by the Tennessee Eastman Company; hexone is manufactured by the Carbon & Carbide Chemical Corporation; Agdite is a product of the Standard Oil Company of California.

Paint Imports into Argentina in 1935 included 316 metric tons of paste paints, 1,473 tons of ready-mixed paints and enamels, 384 tons of other liquid paints, and 445 tons of varnishes.

Flavorings Makers Urge Imitations Curb

(Continued from page 20)

enforced, improve conditions within the industry, he added. Bad products should be removed from the market as soon as they appear. Mr. Blair asserted that the package medicine industry has improved its position in recent years, most of the producers going far beyond the rigid requirements set up by the Government. He added that on the fringe of any industry will be found some inferior products which present an ever present problem of bringing condemnation upon the entire industry.

Among the other features of the convention were discussions of the vanilla bean market outlook, in which the opinions of several persons seemed to indicate a rising tendency in the price situation; a review of the essential oil market; a report by the research committee of the new U.S.P. and N.F.; the use of sucrose octa-acetate as a denaturant of flavoring extracts; a comparison of the qualities of various cap liners; and an explanation of the application of modern metallic alloys in the manufacture of food equipment.

Elizabeth Arden Loses Mark

The United States Court of Customs and Patent Appeals has held, in two related cases, that the "EA" trademark which Elizabeth Arden, Inc., this city, has registered for use on perfumes and cosmetics is an infringement of the "EAM" trademark which the Elgin American Manufacturing Company, Ilgin, Ill., had registered earlier for use on lockets, cigaret cases, vanity cases, card cases, match safes, and powder boxes. Thus the court ruled that, in this case, containers and their contents are of the same descriptive properties, and said that, if the trademark, "EAM," were placed on an ornamental perfume bottle, purchasers might assume that the bottle contained an "EAM" perfume. In a dissenting opinion, Judge Garrett found that in extending its business to cosmetics the Elgin company invaded the field of Elizabeth Arden and that of the two it was the later entrant into that field.

Paint Unfair Competition Meeting

A meeting of the unfair competition committee of the National Paint, Varnish and Lacquer Association, has been called by President Ernest T. Trigg, at the request of H. E. Webster, chairman, to meet in this city at the Waldorf Astoria hotel, June 18, at 10:30 a. m.

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Paint, Varnish, Lacquer Materials

Purchasing Continues at Good Pace — Zinc Oxide Contracts Renewed for Third Quarter — Casein Moves Upward— Acetone Steadier — Naval Stores Irregular

Paint, varnish and lacquer chemicals moved into consumption at a good pace last week. There has been a measurable improvement in the demand during the past two weeks and the current activity contrasts sharply with the slow condition of the market at this time a month ago. Shelf goods are moving faster after a lull of some thirty or forty days, resulting from over-extended purchasing at the beginning of the season and manufacturers are increasing their interest in replacements.

Price developments were few. The outstanding happening was the move on the part of manufacturers of lead-free and leaded zinc oxides to renew contracts without change in price. The zinc oxide contracts, however, will be extended for three months only and in this respect they differ from the lithopone and titanium pigment contracts which are being renewed for the balance of the year. Up to this writing, nothing has been heard from the white lead manufacturers who take business on a quarterly contract basis.

Higher casein prices here and abroad and heavy coverage for forward needs on the part of paper coaters and other buyers was a peculiar development for this time of the year when production is heavy. The advancing prices, however, indicate that production will be short this year.

Carbon black prices will not change as the year reaches the half-way mark and contracts will continue in force as they stand. There has been no shift in the color market since the rise in Spanish red oxide prices on May 26 and from appearances in selling quarters there are not likely to be any changes in prices for chemical colors when the contracts for those commodities start the third quarter. Under the provisions of existing agreements, changes that are to be made will have to be made public by next Monday.

Acetone appears steadier at the lower price levels that were established recently.

Turpentine and rosin prices moved within small or moderate limits in Southern and local markets last week. Here a fair inquiry was noted but actual business was limited to unimportant quantities. Takings in Southern markets by domestic interests were on a moderate scale. The foreign call for rosin was fair though somewhat smaller than in recent preceding weeks. The movement from the woods to the seaboard showed an increase as weather conditions were more favorable for production and marketing.

Paint, varnish, lacquer and fillers sold in April totaled $37,966,424 in value, against $31,323,319 in March, according to the monthly compilation of the Bureau of Census which is based upon data supplied by 680 establishments. Sales in April, as shown by 579 establishments, were $36,376,507 against $32,851,225 in April last year and $27,116,692 in April, 1934. Total sales for the first four months of this year were valued at $110,510,258 against $101,460,120 in a like period last year and $87,172,954 in the same months of 1934, according to the figures presented by the aforementioned 579 establishments.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Casein, domestic, ½c. per lb.
import, 0.55c. per lb.
Rosin, gum, 5c. to 30c. per 280 lbs.
Turpentine, gum, 1½c. per gal.

Reduced

None.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
130.0	130.0	130.0	134.0

Market news that may have developed after this report was sent to press will be found on page 2.

Metallic Lead and Zinc

Pig lead purchasing was moderately active last week, after the brisk market of a week ago. Prices continued unchanged at 4.45c. per pound at East St. Louis and 4.60c. to 4.65c. per pound in New York, according to seller. The sellers report that lead is being used in good tonnage but the trade seems covered for its nearby requirements.

Slab zinc continued in a very dull position. Quotations remain at 4.90c. per pound, basis East St. Louis. The demand was very irregular and, although sellers opened books for September position there was very little interest.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from May 30 to June 5, inclusive, are as follows:—

	Pigs			
	Per pound		Spot. London. Per ton	
	New York.	E. St. Louis.	£	s. d.
Saturday ..	*	*	..	.. ..
Monday ...	$0.0460@.0465	$0.0445	..	.. ..
Tuesday ...	.0460@.0465	.0445	15	7 6
Wednesday.	.0460@.0465	.0445	15	6 3
Thursday ..	.0460@.0465	.0445	15	3 9
Friday	.0460@.0465	.0445	15	3 9

* Holiday.

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from May 30 to June 5, inclusive, are as follows:—

	Slabs			
	Per pound		Spot. London. Per ton	
	New York.	E. St. Louis.	£	s. d.
Saturday	*	*	..	.. ..
Monday	$0.05275	$0.0490	..	.. ..
Tuesday	.05275	.0490	14	3 9
Wednesday ..	.05275	.0490	14	2 6
Thursday ...	.05275	.0490	14	3 9
Friday	.05275	.0490	14	2 6

* Holiday.

Pigments

Following the action of the manufacturers of titanium pigments and the makers of lithopone in soliciting contracts at unchanged prices for the final six months of the year, producers of lead-free and leaded zinc oxides commenced booking new contracts last week. The zinc oxide contracts differ from the contracts offered on other pigments in that the agreements are for the third quarter of the year only. Prices are unchanged. Makers of white lead who book on a quarterly contract basis have not yet sought contract renewals. Pigment materials are moving into consumption at a fairly nice rate now.

White Lead.—The demands are fairly active, having improved during the past two weeks. Manufacturers who book dry lead on a quarterly contract basis have not yet opened books for the third quarter of the year.

Red Lead.—The market is favored with a fairly good demand at this time. The improvement of the past two weeks gives the market a much better appearance than in the middle part of May when things were quite draggy. The metal is in a firm position and shares its firmness with the derivative.

Litharge.—In company with other lead derivatives, this commodity reflects the price firmness of the metal. Prices have not changed in the past several weeks. Demands are running at a fairly good pace at this time.

Lithopone.—Sellers are now engaged in renewing contracts for the final six months of the year. These agreements are being written at the price levels that have prevailed throughout this year to date. The demands for deliveries against the expiring contracts are quite active at this time and the spottiness of recent weeks seems to be disappearing.

Orange Mineral.—The domestic article occupies a firm position as it reflects the position of the basic metal. The Tours product may be changed in price after the tariff reduction of ½c. per pound takes effect on June 15.

Titanium Pigments.—As reported a week ago, sellers are renewing contracts for the final six months of the year at the prices that have been in force through the first half of the year. One prominent seller is planning to increase production of titanium dioxide so that current output will be doubled by the early part of next year. Current demands for titanium pigments from the paint and shoe whiting manufacturers are good.

Zinc Oxide.—Suppliers of lead-free and leaded zinc oxides commenced booking contracts for the third quarter of the year last week. These 90-day bookings are being written at the price levels that have been in force since the reduction of last October.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 4

Fillers and Extenders

Inert pigments, fillers and mineral whites have been favored with a slight betterment of buying attention. There is still a good deal of spottiness in the market but conditions during the past two weeks are visibly improved over those of a month ago. As a general rule, prices remain in a well stabilized position.

Barytes.—The market continues in a steady position and the demands are running at a moderately good pace. Prices for domestic and foreign material continue unchanged.

Gypsum.—Terra alba, plaster of paris and others in this grouping continue without price shift and are being sold at the schedule which has been in force for some time. According to reports, trade is reaching nice proportions this Spring.

Mica.—As reported previously, water-ground material is being sold competitively and the current demands appear divided between the rubber vulcanizers and the wall paper manufacturers.

Talc.—Fibrous material is moving in round lots, according to indirect advices from mill points. Prices hold steady at the market. Quotations for other industrial grades also continue at the levels that have been quoted for some time.

Dry Colors

There have been no further shifts in color prices since the rise in prices for Spanish red oxides on May 26. For the present, the prices for chemical colors appear steady and current contract prices for chemical colors will continue through the third quarter of the year unless sellers alter schedules before next Monday. According to the opinions of most sellers it is unlikely that any change will take place in c.p. chrome yellows. French ochers are likely to reflect the reduction in the import tariff which takes effect on June 15 but if a change is made it may not come through until after the stocks imported under the existing rate of duty have been worked off.

Alkali Blue.—The market for this toner holds a steady position and ink makers are manifesting an active interest in the form of withdrawals against contracts.

Carbon Black.—Tire makers' withdrawals during the first week of the month were good-sized. Schedules for this month call for a substantial tonnage. Prices continue at the schedule and will probably remain unchanged for the final half of the year.

Chrome Yellow.—As indicated here previously, there is not likely to be any advance in the market at this time. Rumors of higher prices had been revived recently but influential factors favor retention of current selling levels.

Iron Blues.—The market is favored with a moderately active call for deliveries against contracts. Prices continue unchanged at the levels that commenced the year.

Ocher.—Consumers of French may be benefitted by the reduction of ½c. per pound in the import duty which takes effect on June 15, but if a reduction in price takes place, it may not occur until the stocks imported at the current rate of duty have been absorbed.

Spanish Red Oxides.—As reported here a week ago, prices were raised ¼c. per pound at all shipping points except those on the Pacific Coast. The advance took place on May 26 and affected all qualities. Demands are reported to have been rather good since the boost in price.

Varnish Gums

Trade in natural resins continues light insofar as forward purchasing is concerned. Deliveries against contracts are moderately active but buyers are not inclined toward covering for future wants. Prices continue unchanged and firm. Cables indicate that sellers in the Dutch East Indies are not keen to offer under the existing circumstances of a heavy gold flow out of the Netherlands and the fear of financial crisis in Amsterdam. If the Netherlands should abandon gold, the East Indies markets would likely react in the same fashion as Congo gum did at the time of the revaluation of the belga.

Paint Applied to Ship Abroad Held Dutiable

WASHINGTON, June 2.

Painting done to the S. S. "President Jefferson" while the ship was in the harbor of Shanghai, China, constitutes "repairs" within the meaning of section 446 of the tariff act, the United States Court of Customs and Patent Appeals has ruled in upholding the customs court's assessment of a duty of 50 percent ad valorem on the painting.

Although the paint was bought in Seattle, the job was done in a foreign port, and the court found that "the same reason impelling Congress to place a duty upon the replacing of worn-out machinery of a ship, in a foreign port, would impel it to place a like duty upon the painting of the ship in a foreign port, and we have no doubt that Congress used the term, 'repairs,' in accordance with its common meaning."

The American Mail Line, Ltd., is the operator of the ship.

Copals.—Conditions in the local market are quiet and there is very little business being done except for the deliveries of gum against contract. Primary market prices are firm, particularly in the Far East, where sellers are not very anxious to offer because of the position of the Dutch guilder.

Dammars.—Batavia and Singapore gums are quiet here and the movement against contract constitutes the major portion of the business that is being done. Prices are unchanged here and show considerable firmness abroad.

Synthetic Resins

The market lacked new developments in the form of price change. Ester gum prices hold even and current quotations hold for contracts running until the end of August. The demands are reported as being active. Modified and 100 percent phenolics are also moving in good fashion at unchanged prices.

Naval Stores

Nothing of a very striking or stimulating character occurred in Southern markets for naval stores last week and business here continued along the same narrow lines noted in previous period. Inquiries for both turpentine and rosin were received in a fair volume but takings were generally limited to small quantities, consumers and

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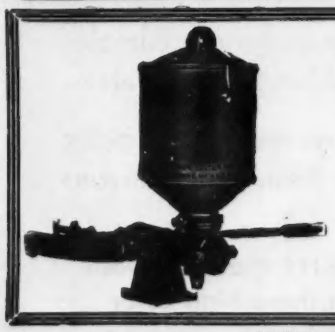

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dealers being disinclined for one reason or another to purchase in advance of actual needs. A development of not a little interest, however, was the announcement of a renewal of efforts to secure federal financial assistance for producers of naval stores through an amendment to the pending appropriations measure providing $2,000,000 for this purpose. Opinions differed as to the probable outcome of these efforts.

Meantime the undertone of Southern markets appeared to be rather firm on the whole. Variations in quotations from day to day were generally within narrow limits. Sales of turpentine and rosin to domestic interests were on a fair scale although large consumers in some instances were apparently inclined to hold off for further developments in affairs at Washington as well as in the markets for other commodities. Moderate transactions in rosin were reported for foreign account but the export inquiry for turpentine continued very light. Changes in the statistical position were unimportant. Weather conditions were more favorable for production and marketing and the movement from the woods to the seaboard showed some expansion but there was also an increase in clearances from primary points. Southern markets for naval stores were closed on Wednesday in observance of the birthday of Jefferson Davis. Exports of gum rosin during April, according to official statistics, were 71,824 barrels; turpentine, 1,144,103 gallons.

Late in the week it was announced from Washington that an appropriation of $2,000,000 to provide benefits for naval stores producers under the soil conservation act was added to the deficiency appropriation bill by the Senate. The amendment was proposed by Senator Walter F. George of Georgia and adopted without discussion. The bill is now in conference with the House and it is not known as yet whether the amendment will be retained.

Turpentine.—A steady or firm tone prevailed in the market here as variations in primary quotations were generally within small limits. There was no broadening of local business. A fair inquiry was received from consumers and dealers but actual transactions were limited to small quantities, buyers being disinclined to provide for future needs. In the South sales to domestic interests were on a fair scale but there was no improvement in the foreign inquiry. There was no material change in the statistical position, an increase in the movement from the interior to the seaboard as a result of better weather conditions being offset by larger primary clearances.

SAVANNAH, June 5.—The turpentine market was fairly active with the tone firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday ..	35¾	287	433	427	26,580
Monday ...	35¼	437	396	241	26,735
Tuesday ...	35¼	230	717	72	27,380
*Wednesday.	..	...	...	...	.....
Thursday ..	36	301	586	690	27,276
Friday	37	64	461	400	27,377

* Holiday.

JACKSONVILLE, June 4.—The turpentine market had a firm undertone, although sales were rather light. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Friday	35	100	246	350	44,164
Saturday ..	35¼	...	490	...	44,654
Monday ...	35¼	30	329	90	44,893
Tuesday ...	35¼	43	216	...	45,109
*Wednesday.	...	...	...	...	.....
Thursday ..	36¼	115	305	1	45,413

* Holiday.

PENSACOLA, May 30. — Turpentine receipts were moderate. The market was steady. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	141	102	28,429
Tuesday	190	...	28,619
Wednesday	110	280	28,449
Thursday	84	...	28,533
Friday	116	324	28,325
Saturday	165	162	28,328

CHICAGO, June 5.—The bulge in volume of business in turpentine reported by some sellers here seems to have abated to some extent, but there is still a rather good number of transactions, wholesale and retail. Tone of the market meanwhile is firm and the outlook is considered to be fairly good, so far as can be foreseen at this time. Ruling prices at the close of business last night were:—Five-drum lots, 47c. per gallon; five wood barrels, 52c.; single drums, 50c.; single barrels, 55c.

LONDON, June 5.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	38	6
*Monday	..	..
Tuesday	38	6
Wednesday	38	6
Thursday	38	6
Friday	38	6

* Holiday.

Stocks of American turpentine in London were:—

	June 5.	Previous week.	Last year.
Barrels	8,645	9,893	7,787

Rosin.—Local quotations showed irregularity at times in company with primary centers but changes on most

(Continued on page 53)

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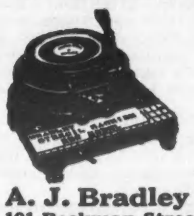

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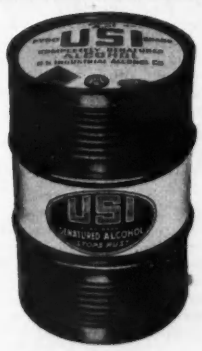

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Oils, Fats, and Waxes

Perilla Oil More Active at an Advance — Recovery in Lard and Cottonseed Oil Futures—Linseed Firmer—Whale and Fish Oils Reduced by Refiners—Tallow Higher

Business in vegetable, animal and fish oils continued quiet last week so far as the general list was concerned, though an increase was noted in the demand for certain products. Sales of perilla oil showed an increase and demand for a few other technical and edible products was also somewhat more active. Uncertainty over the pending tax measure, however, had the effect of keeping business in many commodities down to small proportions, especially in the case of futures. Late in the week there appeared to be an improvement in sentiment concerning the business outlook, especially as the trend of cottonseed and oil and lard

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cottonseed oil, crude, ¼c. per lb.
Degras, ¼c. to ½c. per lb.
Grease, ¼c. per lb.
Lard, 25c. to 35c. per 100 lbs.
Linseed oil, 2/10c. per lb.
Olive oil, denatured, 1c. per gal.
Olive oil foots, ¼c. per lb.
Perilla oil, ½c. per lb.
Rapeseed oil, denatured, 1c. per gal.
Tallow, ¼c. per lb.
Teaseed oil, ½c. per lb.

Reduced

Coconut oil, crude, ⅛c. to ¼c. per lb.
Copra, 1-10c. per lb.
Lard compound, 25c. per 100 lbs.
Menhaden oil, refined, 2-10c. per lb.
Oleo oil, 25c. per 100 lbs.
Sardine oil, refined, 2-10c. per lb.
Whale oil, refined, 3-10c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
110.3	110.2	115.1	133.2

Market news that may have developed after this report was sent to press will be found on page 2.

futures was upward at times while the linseed oil market displayed a firmer tone.

A development of interest in the list of vegetable products was an advance in perilla oil with an increase in spot transactions, buying interest being stimulated by the announcement from Washington that it had been decided to include this product in the pending tax measure. According to a report from an official source the area devoted to perilla in Manchuria was materially increased this spring and estimates of the production for the current season range from 300,000,000 to 400,000,000 pounds. Chinawood oil was irregular, changes in quotations being within comparatively small limits. Copra and coconut oil were easier although there were reports of some improvement in the inquiry for oil. Denatured olive oil and foots met with a fairly active demand and sales were reported at higher prices.

Among the animal products, cash lard had a downward trend at times in the local market in company with futures in the West where sentiment among speculators still appeared to be bearish owing to the comparatively liberal movement of hogs to the principal centers and also because there was a sharp increase in stocks of lard during the past month. Lard compound was reduced further by makers as the cost of raw materials has declined recently. Quotations on lard and neatsfoot oils were maintained at former levels but oleo oil was available at lower prices, the easier tone of the market being due to quietness of trade and competition among sellers. Stearic acid was in fair demand and quotations were stationary. Tallow was stronger.

Vegetable Oils

Babassu.—Demand was fairly active and the market retained a steady tone. Consumption in the manufacture of margarin in the United States during April was 2,864,050 pounds against none in the same month last year.

Chinawood.—There was more or less irregularity in domestic markets last week in company with the course of the primary center, but changes in prices were generally within small limits and at the close of the period quotations were not far from where they stood at the previous week-end. Local and coast markets did not display much life so far as business was concerned. Occasional inquiries were received but there were few transactions reported, uncertainty concerning the general position of vegetable oils as a result of the proposed new taxes making consumers in many cases disposed to hold off. For the same reason offerings from importers and dealers were light throughout the week. Consumption was said to be holding up or showing an expanding tendency, however, and in some quarters bullish views were held concerning the outlook for business and prices.

Coconut.—The market for crude oil had an easier tone despite reports of some improvement in buying interest here and on the Pacific Coast, though transactions apparently did not involve important quantities. On the contrary, the prevailing hesitation and uncertainty among consumers concerning the pending legislation affecting various vegetable oils had a tendency to make buyers disposed to adhere to a very conservative course in purchasing operations. The situation abroad was reported as somewhat easier and offerings were noted here and on the Coast at concessions of ⅛c. to ¼c. per pound. Edible oil prices were maintained at previous levels by refiners. Trade was quiet. Copra was easier though offerings were reported as light.

Corn.—The market for crude oil appeared to have a steadier tone as competing product was firmer. Business remained rather quiet, however, consumers being inclined to hold off for further developments in other commodities. Refined oil was fairly active and steady.

Cottonseed.—New developments in the way of price changes in edible oil were lacking, the tone of the market apparently being steady at the recent decline. There was a somewhat better inquiry. Foreign oil was quiet but offerings were light and prices were steady.

Olive.—Consumers manifested rather more interest in denatured oil and although transactions were generally limited to small or moderate quantities, the market had a firmer tone, 75c. per gallon apparently being a minimum quotation with higher figures named in some quarters. Foots met with a fair demand and the market was firmer, quotations being about ¼c. per pound higher.

Palm.—The market was more active to the extent that inquiries were received in a larger volume, interest on the part of consumers being stimulated by the steadier position of some other oils. The tone was steady but spot quotations underwent little change. Futures were largely nominal.

Perilla.—Sales were reported early in the week at 7c. per pound in tank cars on spot but later the market was strengthened by the announcement that this oil had been included in the pending tax measure. Sales were reported later on at 7½c. per pound in tank cars and 8c. in drums on spot. Futures were nominal. According to a report from an official source, Manchurian farmers have rapidly increased the acreage sown to perilla in recent years and it is now rated as one of the major crops of the country. Approximately one-half million acres were sown to perilla in Manchuria this spring and the yield is expected to be between 300,000,000 and 360,000,000 pounds with some estimates running as high as 400,000,000 pounds.

Rapeseed.—The spot market was firmer. There was a fair demand for moderate quantities with sales reported at from 53c. to 55c. per gallon. Futures were largely nominal owing to the prevailing tax uncertainty.

Soybean.—A steady tone ruled, quotations being maintained by producers at the levels prevailing in the previous week. There were reports of some improvement in the inquiry though transactions were apparently limited to moderate quantities.

Markets at Other Centers

San Francisco, June 1.—With the Bailey Amendment to the Revenue Bill casting uncertainty into the vegetable oil market, this center of trade was practically paralyzed last week, while buyers withdrew from the market. Coconut oil managed to show some life at times, but business was mostly confined to rather limited purchases.

Ruling prices are:—

BABASSU.—Quoted at 6⅝c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COCONUT.—Crude coconut oil is easier at 3⅝c. to 3¾c. per pound in tankcars, f.o.b. Pacific Coast mills, May-September shipment.

COPRA.—Market turned easier last week. Sellers at primary sources were not particularly forcing the market, but nevertheless were susceptible to lowered bidding of crushers on the Pacific Coast. Business went along in routine fashion to cover sales of coconut oil here. European demand is stated to have slacked off a trifle. Arrivals here are picking up a bit. Quoted at 2.25c. to 2.275c. per pound, c.i.f. Pacific Coast ports. Meal is quoted at $24 per ton for domestic, ex mill. Philippine, $22.50 ex dock, San Francisco.

CHINAWOOD.—Quoted at 17.70c. per pound in tankcars, f.o.b. Pacific Coast ports, June-October shipment from the Pacific Coast.

SOYBEAN.—Crude Oriental oil, f.a.q., quoted at 4¾c. per pound, nominally, c.i.f. Pacific Coast ports in bulk steamers' tanks, with drum lots, duty paid, at 9¾c. Refined and deodorized Oriental oil, duty paid, at 10c. per pound in drums.

COTTONSEED. — Semi-refined foreign oil is quoted at 9¼c. per pound, duty paid in tankcars, f.o.b. Pacific Coast, June-August shipment from the Pacific Coast.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

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Saponified
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PEANUT.—Crude oil is quoted nominally at 9¼c. per pound in tankcars, duty paid, f.o.b. Pacific Coast ports, June-September shipment from the Orient. Oil crushed in domestic mills quoted at the same figure.

PERILLA.—Japanese oil is quoted at 6⅝c. per pound in tankcars, for from spot to deferred shipment, f.o.b. Pacific Coast in tankcars.

HEMPSEED.—Crude oil is quoted at 6⅝c. per pound in tankcars, f.o.b. mill, Pacific Coast, with drum lots at 7⅛c. Refined oil is quoted at 7⅝c. per pound in tankcars, with drum lots at 8⅛c., exwarehouse.

TEASEED.—Quoted nominally at 8¾c. per pound in drums, c.i.f. San Francisco, June-July shipment from the Orient.

SESAME.—Crude oil is quoted at 6½c. per pound in tankcars, f.o.b. mill, Pacific Coast. Seed for crushing is quoted at $60.50 per ton, c.i.f. Pacific Coast ports, June-July shipment from the Orient.

Chicago, June 5.—Considerable buyer interest is reported to be exhibited once more in at least some of the grades of vegetable oils. While actual buying has made its appearance in only moderate quantities in certain products, the general aspect of the vegetable oils would seem to be fairly healthy marketwise. The buyers are still watching the market closely for signs of an underlying movement.

COCONUT.—Crude, oil, 3¾c. per pound; refined, edible oil, 9½c. to 10c. per pound, barrels, car lots; and 10c. to 10¼c., barrels, less than car lots.

CORN.—Crude, low acid, 8c. to 8⅛c. per pound, partly nominal, tanks, mills. Refined, edible oil, 9⅛c. to 9¼c., barrels, car lots; and 10c. to 10¼c., barrels, less than car lots.

CHINAWOOD.—Ruling, spot, drums, 19¼c. to 19½c. per pound; futures shipments, 17¾c. to 18c.

SOYBEAN.—Crude, prompt shipment, 5⅝c. to 5¾c. per pound, tanks, mills, depending on delivery date. Refined, drums, 8½c.

PEANUT.—Prime crude, 7¾c. to 8c. per pound, partly nominal; refined, edible oil, 10¼c. to 10½c., barrels, car lots; and 10½c. to 11c., barrels, less than car lots.

Chicago, June 5.—Price range on soybeans for the week ended June 3—sample grade, high, 80c.; low, 70c.

London, May 28.—Soybean oil, British crude, 28s. per hundredweight; palm kernel oil, refined, 28s. 6d. per hundredweight; rapeseed oil, crude, extracted, 34s. per hundredweight; coconut oil, Ceylon, 25s. per hundredweight; peanut, Indian, crude, 28s. per hundredweight.

Linseed Oil

Linseed oil was advanced by crushers with some improvement noted in demand. The trend of flaxseed prices was upward as crop news was less favorable. Cake and meal steady.

Flaxseed—DULUTH, June 5.—A 6c. advance in the September future between May 27 and June 1 changed the entire complexion of the Duluth flax market. While representing in part technical recovery from a slump to seasonal lows, the advance also reflected bullish Northwest weather news. Warm, dry weather was followed by complaints almost the entire Northwest needed a general soaking owing to the lack of subsoil moisture in important districts. Significant was an official report early this week rain was needed soon to save crops and pastures in Western North Dakota. While good June rains can change the picture, each day of dry weather adds to apprehension. Local cash business showed more activity.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
*Saturday	...	...	...
Monday	$1.68	$1.68	$1.64½
Tuesday	1.67½	1.67½	1.64¼
Wednesday	1.68¾	1.68¾	1.64¾
Thursday	1.70½	1.70½	1.68¼
Friday	1.72	1.72	1.69

* Holiday.

Crop movement in bushels follows:—

	Receipts 1936.	Receipts 1935.	Shipments 1936.	Shipments 1935.
This week..	30,021	615	....	....
Since Aug. 1...	2,865,593	277,807	277,601	447,557

MINNEAPOLIS, June 5.—Cash flax receipts during the week today were liberal and local demand proved rather poor. Diversion point buying for Duluth delivery was aggressive and cut off most of the receipts from the North and West. Virtually all of the flax offered here came from southern Minnesota or South Dakota territory. It was of indifferent or poor quality and not wanted very badly.

One of the local crushing companies was aggressive at diversion points and another competed for choice Northern seed for local delivery up to the end of last week. Currently all of the Northern seed is being permitted to go to the head of the lakes as the season is pretty well advanced and crushers have either oil or flax on hand to care for their prospective demand.

Shipping advices on flax are now dwindling some. Farmers cleaned up their bins in pretty good shape as soon as the new crop was up and green. Line elevator companies shipped in most of their reserve supply just as soon as they were able to calculate seed requirements. If a frost freezes the early sown crop down there will probably be a shortage of seed stock for quick re-planting.

The new crop outlook is becoming shaded a bit because of drouth and the use of damaged seed carried over from last year. As long as there was topsoil moisture conditions looked very propitious but hot weather for nearly a week along with high winds took most of the moisture out of the ground and now the new plants are showing strain. Frost was forecast for the Red River valley Monday night but failed to develop seriously. Temperatures today are very low and frost is feared tonight. Fields of rye plowed up for flax are weedy.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
*Saturday	...	...	...
Monday	$1.69	$1.63	$1.61½
Tuesday	1.68¾	1.62¾	1.60¾
Wednesday	1.70	1.64	1.61½
Thursday	1.72¼	1.66¼	1.64¾
Friday	1.73½	1.67½	1.65¾

* Holiday.

Crop movement in bushels as follows:—

	Receipts 1936.	Receipts 1935.	Shipments 1936.	Shipments 1935.
This week..	46,640	65,700	23,360	16,340
Since Sept. 1...	7,879,020	4,558,826	1,348,850	920,530

WINNIPEG, June 5.—The market for flaxseed futures was quiet. Prices were irregular. The week's closing range was as follows:—

	Cash.	July.	Oct.
Saturday	$1.45⅝	$1.45½	$1.41¼
Monday	1.42	1.43¼	1.41½
Tuesday	1.43½	1.44½	1.40⅝
Wednesday	1.44⅞	1.45⅞	1.41¼
Thursday	1.48⅛	1.48⅞	1.44⅜
Friday	1.48¼	1.48¼	1.43¼

BUENOS AIRES, June 5.—Opening prices per bushel on June contracts were:—

	Last week.	Last year.
Saturday	$1.18⅝	$0.99½
Monday	1.18⅜	.99⅜
Tuesday	1.19	1.00¼
Wednesday	1.19¼	.99⅝
Thursday	1.20½	.99⅜
Friday	1.20½	.99⅜

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	146,000	150,000	39,000
United Kingdom	.....	.....	16,000
Continent	878,000	500,000	677,000
Orders	20,000	16,000	535,000
Others	43,000	.....	24,000
Totals	1,087,000	666,000	1,291,000

Since January 1

To—	Bushels This year.	Last year.
United States	5,582,000	8,629,000
United Kingdom	291,000	675,000
Continent	13,815,000	16,614,000
Orders	6,696,000	11,211,000
Others	1,214,000	1,908,000
Totals	27,598,000	39,037,000

Visible Supply

	Bushels.
Last week	6,693,000
Previous week	6,693,000
Last year	6,693,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom	132,000	4,000	.....
Continent	.....	8,000	32,000
Others	.....	.....	.....
Totals	132,000	12,000	32,000

Since April 1—	Bushels This year.	Last year.
United Kingdom	2,104,000	1,212,000
Continent	536,000	176,000
Others	.....	.....
Totals	2,640,000	1,388,000

HULL, June 5.—Quotations on flaxseed were:—

	Per ton La Plata.	Per ton Calcutta.
Saturday	£10⅝	£12⅝
*Monday	..	..
Tuesday	10⅝	12⅝
Wednesday	10⅝	12⅝
Thursday	10⅞	12⅝
Friday	10⅞	12⅝

* Holiday.

Linseed Oil.—The market was firmer with some improvement noted in demand though the increase in business was not very pronounced. The announcement that perilla oil had been included in the pending tax measure at Washington stimulated buying interest to some extent, however, and the same was true of a change for the worse in the character of crop accounts from the Northwest where prospects have deteriorated as a result of insufficient moisture.

Prices were advanced by most crushers and at the close of the week 8.8c. per pound appeared to be the minimum figure at which supplies were available while in some quarters 9.1c. per pound was quoted for tankcars though it was intimated that the latter figure could be shaded by about two points on a bid.

Although the volume of oil business closed for the week was seemingly not important, the fact that consumers and dealers were manifesting more interest in the situation was gratifying to sellers and there was a rather noticeable improvement in sentiment concerning the business outlook. Advices from some outside points reported a considerable improvement in demand with the indications pointing to a further expansion in the movement into consuming channels in the not distant future.

Trade in perilla was active early in the week, considerable business being reported at from 7 to 7½c. per pound in tank cars. Subsequently there was an advance to 8c. per pound, at which figure demand slackened. As to reports that the production of the perilla plant has been started in this country, the contention was made that the high cost of labor will militate against cultivation here as the plant is constantly ripening and requires frequent picking which cannot be done by machinery.

Crop accounts from the Northwest were much less favorable last week, the chief complaint being lack of sufficient moisture. Also the quality of the seed used in planting this season was said to have been poor in not a few instances. Crop reports from Argentina continued favorable.

MINNEAPOLIS, June 5.—Oil trade picked up considerably through the past week, partly because of the advance in flax futures and the less satisfactory tone of crop news. There was more buying of cooperage car lots and a few tankcars were picked up. Warehouse trade showed the best improvement. Virtually all of the buying was for quick shipment as buyers permitted their stocks to run low while waiting for a fresh decline in prices.

So far there has been no important inquiry for new crop oil. Most of the buyers seem impressed by acreage reports and early start of the new crop. In the past few days many complaints have been received from the Northwest regarding drouth, drifting of soil and weedy fields. Many farmers plowed up their rye fields to plant to flax and find these fields very weedy. A few of the buyers evidently are getting this unfavorable news because they are taking hold more freely for current delivery and are showing just a little more interest in future requirements.

Shipping instructions on old and maturing contracts are fairly prompt and mills are running at a steady pace. Stocks of oil on hand are dwindling gradually.

Quotations on carload lots, f.o.b. Minneapolis, June-December shipment, cooperage car lots, 9.3c. per pound; tankcar lots, 8.7c. per pound; warehouse lots, 9.7c. per pound.

Shipment of oil in pounds were as follows:—

	1936.	1935.
This week	1,998,442	2,460,416
Since Sept. 1	86,535,973	42,517,687

CHICAGO, June 5.—Demand for linseed oil has not been all that might have been expected, with the result that there has been some little disappointment in the selling trade. Prices have been reduced to the lowest level in effect in months and at these points buyers are still not very enthusiastic over the purchasing side. Offerings are plentiful. Most business now placed is for prompt shipment in small lots. Ruling prices of representative sellers are: Tankcar, 8.7c. per pound; drums, car lots, 9.3c.; warehouse deliveries, five drums, 9.7c.

SAN FRANCISCO, June 1.—Buying in linseed oil here is being done mostly on an as-needed basis, with the market not showing any particular signs of picking up. The price structure remains the same, with the tankcar selling price still several points under actual quotations of sellers. Drum lots are moving out fairly well, with a mild interest in tankcar business. Deliveries are doing fairly well against previous contracts. Quoted:—Tankcars, 9.3c. per pound; drum car lots, ex mill, 9.9c.; drum lots, ex warehouse, 10.3c.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

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PITTSBURGH, PA.

LONDON, June 5.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	24	4½
*Monday	..	..
Tuesday	24	1½
Wednesday	24	1½
Thursday	24	4½
Friday	24	4½

* Holiday.

Cake and Meal.—The market appeared to have a steadier tone although spot quotations remained where they stood at the close of the previous week. There was a somewhat better export inquiry for cake. Demand for meal from domestic buyers was limited to comparatively small quantities as a rule.

MINNEAPOLIS, June 5.—Linseed meal prices are up another dollar and there is a fairly good demand for offers at the advance. Steady buying of country distributors finally worried the broker shorts and they covered some of their trades.

Pasturage conditions through the Northwest are not up to normal on account of drouth and interior distributors show a tendency to stock up a bit on a chance of a June drouth developing. Inasmuch as very few of them have sizeable stocks of meal on hand this buying means quite a demand in the aggregate.

Several crushers are out of the market entirely or are offering only small lots to the customer. Shipping instructions on maturing contracts are very prompt, in fact, instructions accompany most of the current orders. Mixed car trade is fair to good, millers buying fair sized round lots to move with millfeed.

Quotations on carload lots, f.o.b. Minneapolis, 100-pound sacks, 30 percent protein, $22 to $22.50 per ton; 37 percent protein, $26 to $26.50 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week	3,358,350	1,221,798
Since Sept. 1	187,903,226	64,981,268

CHICAGO, June 5.—The linseed meal market has been doing rather well and some sellers report they are able to do business on a slightly better and firmer price basis. Feeders are in the market to a fair extent at this time. Inquiries indicate that stocks in the hands of the buying trade are not large, but most business is in small lots, with round lot business continuing slow. Resellers are reported in limited activity. Ruling prices are:—Round lots, $26.50 to $27 per ton, mostly nominal; car lots, $27; less than car lots, $29 to $29.50.

Cottonseed Oil

Cottonseed oil futures had an upward trend at times with trading fairly active. Southern markets for crude oil had a steadier tone. Reports concerning the progress of the cotton crop were mainly unfavorable, especially from the eastern belt.

Cottonseed Oil.—The market here for refined oil futures was fairly active last week. Prices showed irregularity but in the main the tone was firmer and at times the trend was upward. Speculative sentiment was still more or less mixed but for the time being there was more disposition to buy than there was to sell. Not a little of the purchasing was said to be short covering but there was also buying for long account by local and outside interests. The latter purchasing appeared to be based mainly on the proposed tax on various imported vegetable oils and tallow and the belief that this tax would have the effect of bringing about a material lessening of competition from such products.

Another bullish influence was the unfavorable character of reports from the South concerning the progress of the cotton crop. The plant in some important sections in the region east of the Mississippi was said to be suffering from lack of moisture and a very backward conditions was reported in other sections as a result of adverse weather conditions earlier in the season. The Chicago market for lard futures displayed considerable strength at times despite a bearish monthly statement of lard stocks, a gain of about 12,000,000 pounds being noted in supplies during May as compared with a decrease of about the same amount in May last year. Stocks of lard in Chicago at the close of May were 46,298,307 pounds against 44,439,427 pounds on the same date last year.

Receipts of live hogs in Western markets were larger than in the same week last year but prices were generally firm. The average weight of the hogs received in Chicago during the week ended May 30 was 250 pounds against 246 pounds in the same week last year. Tallow was steadier here with offerings light and the Western situation was also regarded as having undergone improvement. Foreign tallow remained above a parity with domestic product. Southern markets for crude cottonseed oil had a steadier tone although sales were light.

The weekly government weather and crop report stated that in Texas the cotton crop made fairly good advance rather generally though there was considerable local damage by overflows in several counties. In Arkansas progress was mostly good to excellent and stands are unusually good. In Oklahoma planting made good progress and is mostly completed in the South and East. In most of the eastern belt the situation has become decidedly unfavorable because of persistent dryness. There are many reports of late planted fields not germinating and stands are very irregular with actual deterioration in the early planted. Some Georgia counties show less than one-fourth normal stands.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from June 1 to June 5, inclusive:—

	Cents per lb. in tanks. High.	Low.	Close.	Sales. Tanks.
June	...	...	9.00 nom.	..
July	9.15	8.79	9.00@ 9.02	113
August	...	...	9.02 bid	..
September	9.13	8.70	8.97@ 8.99	192
October	9.13	8.70	8.94 sales	99
November	...	...	8.80 nom.	..
December	8.92	8.70	8.80@ 8.84	67
January	...	...	8.80@ 8.86	..
Total sales (82 switches)				553

Crude, Southeast, 7.75c. to 8.00c. nom.
Valley, 7.75c. to 8.00c. nom.
Texas, 7.75c. nom.

Chicago, June 5.—Current aspect of the cottonseed market appears a little mixed and indefinite. Prices have tended just a shade easier over the last few days, but tone is such as to lead some observers to think that stabilization of the market is under way. Good, off-Summer yellow fig oil is 9c. Refined, edible oil is quoted at 10c. to 10¼c., barrels, car lots; and 10½c. to 11c., barrels, less than car lots.

Hull, June 5.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	26	0	23	6
*Monday	..	..	..	..
Tuesday	26	0	23	6
Wednesday	26	0	23	6
Thursday	26	0	23	6
Friday	26	0	23	6

* Holiday.

Cake and Meal.—A steady tone prevailed in Southern markets for spot material although business was quiet as usual at this period. Trading in meal futures in the Memphis market was somewhat more active with prices irregular. Offerings of spot material continued to be reported as light in all sections.

Markets at Other Centers

Atlanta, June 3.—The market for cottonseed products is quiet with interest turning to the future crop. Much of the Eastern cotton belt has experienced more than a seven weeks' drouth. This, with late planting, is accounting for very poor crop prospects at this time. The lower part of the eastern cotton area had a good rain with the week end, but by far the greater part of the area did not get any rainfall.

Stands are variable, but for the most part are reported poor to fair.

Top dressings of cotton are not being purchased as yet and will not be until the crop is visited by rain and has had an opportunity to consume the fertilizer applied at planting.

Quotations are as follows:—

OIL.—Prime crude, 7¾c. per pound.
MEAL.—7 percent grade, $23 per ton, interior mill points.
HULLS.—Loose, $13 per ton.
LINTERS.—3½c. per pound, second cut.

Memphis, June 5.—Crude cottonseed oil more active this week. Sales were reported today at 8 cents per pound, Valley basis, with packers and refiners the buyers. These sales represent an advance of ½c. for the week. Crude holdings centered in the hands of a few mills and sellers show little disposition to offer, claiming that current prices show a loss. Cake and meal firmer with demand better. Today 41 percent meal quoted at $21.50 per ton, Memphis basis, and $21 at Valley points. Drought conditions now extend to Tennessee. Rainfall in this section since January 1 shows a deficiency of 13 inches as compared with normal. Crop in hill sections showing distress though Delta still doing nicely.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	May 28.	June 4.
July	$20.50@20.80	$21.25@21.50
September	19.40@20.00	20.50@21.00
October	19.00@19.25	20.10@20.50
December	19.00@19.25	20.25@20.50

Animal Oils

Degras.—The market had a firm tone, quotations on imported in some instances being ¼c. to ½c. per lb. higher. Business was fairly active though consumers were not disposed to anticipate to any material extent. Spot stocks were reported as light or moderate.

Lard.—Previous selling schedules remained in effect and the tone of the market appeared to be somewhat steadier although there was no broadening of business, buying interest generally being limited to comparatively small or moderate quantities.

Neatsfoot.—The market had a steady tone and quotations were maintained at previous levels. There was a fair demand with the purchasing generally limited to unimportant quantities.

Oleo.—An easy tone continued to prevail with prices reduced 25c. per 100 lbs. Business lacked snap, purchasing generally being limited to moderate quantities to fill current needs.

Tallow.—There were no new developments in the way of price changes, the market being steady at former levels. Business was quiet.

Markets at Other Centers

Chicago, June 5.—Animal oils have been forced somewhat lower in price in certain instances, with buying not very active. Most materials are now at their lowest point in some time in the market and at such position are not commanding a very favorable attitude from buyers. Recessions are mostly limited to small fractions, but the tone is backward none the less.

LARD.—No. 1, 8c. to 8¼c. per pound; No. 2, 7¾c. to 8c.

OLEO.—No. 2, 8½c. to 9c.

TALLOW.—Acidless, 6¾c. to 7c. per pound, tanks; 8¼c. to 8½c., drums, less than car lots.

DEGRAS.—Spot, 6c. to 6¼c. per pound; neutral, domestic, 9c. to 9½c.

Fish Oils

Cod.—The market continued quiet. Consumption is said to be on a fair scale but buyers were disposed to hold off for further developments in the primary situation as well as in domestic markets for other commodities. With offering light, quotations were mainly nominal.

Menhaden.—No broadening of trade in refined oil was noted although inquiries were not lacking. In many cases, however, consumers were disposed to curtail purchases pending fresh developments in other oils and fats. Selling schedules were revised downward 2 to 4 points by refiners. Crude remained quiet with quotations nominal.

Sardine.—The local market for refined oil was a small affair. The position of crude on the Coast was reported as easy and buyers of refined oil here were inclined to hold aloof for a time. Quotations were revised downward 2 to 4 points by refiners.

Whale.—There were reports of a somewhat better inquiry for refined oil but transactions were apparently limited to small quantities to fill current needs. Quotations were reduced 3 points by refiners.

Markets at Other Centers

San Francisco, June 1.—Fish oils went along quietly last week, with nothing in the way of business reported on the new season material. Bids were in the market here during the past few days at from 22½ cents to 23 cents on Oregon oil, but sellers were not inclined to do business at these levels, especially with the pending revenue bill, with the Bailey Amendment enhancing the tallow levels. No counter offers have been forthcoming from the fishing interests and it is ony guesswork at the moment as to what fish oils are going to be worth.

Word from the Northwest is to the effect that as yet the Northern oils remain untouched. It is not known definitely whether or not business in them has been attempted. In any event, reliable reports are to the effect that the coming season's herring and pilchard oils have not gone onto the market.

California sardine oil is also a quiet factor. As a matter of fact, the picture on the entire Pacific Coast is one of slow progression. Old season sardine oil is still available on the spot in rather small quantities, but there is no particular demand for it.

Oregon fish reduction concerns will very probably not get under way on production until around the first of July, it was reported here today, in spite of the fact that June is a permissible month for operations.

Ruling prices are:—

SARDINE.—California sardine oil, from past season, quoted at 28c. per gallon in tankcars, f.o.b. Northern California. Biologically tested oil for poultry feeding quoted at 50c. per gallon in drums, f.o.b. San Francisco.

SALMON.—Quoted nominally at 30c. per gallon in tankcars, f.o.b. Pacific Coast.

Baltimore, June 3.—With regard to menhaden fish oil, it is still a case of stalemate, neither the sellers nor the buyers taking any step that might serve to break the deadlock. Intimations have been held out that the big soapers would be inclined to take up oil on the basis of 20 cents per gallon, against 33 cents, the last price recorded here. No actual figures are being mentioned, of course, but the temper of the users of oil is discreetly indicated. The producers, for their part, are equally indefinite, giving out no figures and withholding any suggestion as to what they might be willing to take, beyond a general indication that such a drop is not at all to be considered. The fishing season is now approaching, and a trend one way or another may soon be shown, but for the present the situation is about as obscure as it has been for weeks, with no positive sign that a marked departure is impending. One steamer started out during the week to make a test of conditions down the Chesapeake Bay as far as the fishing is concerned, but this trial is not regarded as conclusive, and further developments must be awaited to determine with any degree of assurance what may be expected in the way of a production from the new season.

Chicago, June 5.—Dullness and uncertainty have been noted in recent days in various sections of the fish oil market here. Buying has been slow, and sellers themselves seem to be somewhat doubtful as to just what to expect. The West Coast situation is easier and products from there are lower. Other items are occupying an indecisive market position with seasonal considerations dominating.

COD.—Newfoundland, 40c. to 41c. per gallon.

MENHADEN.—East Coast, 33c. to 34c. per gallon.

SARDINE.—Pacific Coast, 28c. to 30c. per gallon.

SALMON.—Pacific Coast, sellers' tanks, 31c. to 32c. per gallon, largely nominal.

Fats and Greases

Grease.—Quotations underwent little change early in the week and the tone of the market appeared to be steadier although there was apparently no broadening of business, purchasing generally being limited to unimportant quantities. Later the inquiry increased and prices were advanced about ¼c. per pound.

Lard.—Cash product was rather quiet here and the tone of the market was easier, influenced by a downward trend at times in the market for futures at Chicago where speculative sentiment appeared to be rather bearish as a result of an increase of 12,000,000 pounds in stocks during May. This increase compared with a decrease of about the same amount in May last year. Receipts of hogs were larger than a year ago.

Stearin.—The market was quiet but offerings were generally light and the tone remained steady with quotations about stationary.

Tallow.—Quieter conditions prevailed on spot. Occasional inquiries were noted for comparatively small quantities but large consumers were disposed to hold off for further developments. Extra was quoted at 4⅛c. per pound, f.o.b., although reports were again current of transactions at a higher figure. The Western market was somewhat more active, buying interest being stimulated by the prospective duty with reports current of sales of prime packers at 4¾c. per pound, Chicago basis. Importations of edible and inedible tallow in April were 3,772,635 pounds against 1,356,675 pounds in April last year; total for four months of the current year 27,802,494 pounds against 10,488,220 pounds in the same time last year.

Later in the week buying interest was stimulated by the prospective tax on foreign product and also by an upturn in cottonseed oil and quotations on tallow were advanced with offerings light on the rise.

Following is a record of the market for tallow futures on the New York Produce Exchange from June 1 to June 5, inclusive:—

	Cents per lb. in tanks. High.	Low.	Close.	Sales. Tanks.
June	...	...	4.70 nom.	..
July	4.85	4.85	4.80@ 5.05	1
August	...	...	4.85 nom.	..
September	5.15	5.10	5.00@ 5.14	4
October	...	...	5.00@ 5.20	..
November	...	...	5.05 nom.	..
To'al sales				5

Markets at Other Centers

Chicago, June 5.—Increases in lard stocks, and hog receipts, as well as an unfavorable trend in statistics generally has been impressed on the trade in the cash lard market here recently, but it is difficult to determine just what effect the situation is having on buyers' views. Some feel that the low prices compared with a year ago are already discounting the general demand and supply situation. Shipping trade has been fair, prices tending to fluctuate, pointing mostly downward.

The range of lard quotations from the opening Monday, June 1, to the close Friday, June 5, is shown in the following table:—

	Per 100 pounds. Open.	High.	Low.	Close.	Previous Friday.
Cash	$9.90	$10.15	$9.90	$10.15	$9.90
July	9.95	10.15	9.85	10.17	9.95
Sept.	9.92	10.22	9.90	10.17	9.95

TALLOWS (tierces).—Edible, 5¾c. to 6c. per pound; prime, 4¾c. to 5c.; fancy, 4¾c. to 5c.; prime renderers', 4¼c. to 4½c.; B country, 3¾c. to 4c.

GREASES (tierces).—Choice white, 5½c. to 5¾c. per pound; A white, 4¾c. to 5c.; B white, 4¼c. to 4½c.; yellow, 10-15, 4c.

(Continued on page 53)

Oil Chemists Elect Officers

The American Oil Chemists Society, at its twenty-seventh annual meeting in New Orleans, elected the following officers:—President, E. C. Ainslie, Atlanta, Ga.; first vice-president, M. L. Sheely, Chicago; second vice-president, T. C. Law, Atlanta; third vice-president, J. J. Ganucheau, New Orleans; fourth vice-president and chairman of the soap section, C. P. Long, Cincinnati; secretary-treasurer, J. C. P. Helm, New Orleans.

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Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

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Drugs, Fine Chemicals

Agar Agar Advance Extended — Menthol Lower — Minor Iodides Sell at Lower Levels — Aloin Yields to a Reduced Cost of Raw Material — Borax Prices Extended

Buyers were normally active in the market for drugs and fine chemicals last week. Trade was in very good volume and aided in holding values generally to a steady position. Price developments included a further rise in agar agar on a strong market, lower quotations on minor iodides and hydriodic acid, and a shading of quotations on menthol. Raw material cost, so far as most manufactured producers were concerned, failed to show any signs of substantial weakness, a condition which was reflected in the absence of anything like broad unsettlement of quotations.

Minor iodides were selling at reduced prices. This reflected the sharply lower prices at which crude iodine had been selling for a number of weeks. It will be recalled that major iodides were reduced some time back. The reduction in crude iodine was made to increase the use of this halogen. International consumption is estimated at eight hundred to one thousand tons a year. The pre-war consumption was about six hundred tons per annum. Research has yet to develop any substantially new outlet for iodine but the search for such an outlet goes forward. According to British advices, even at current prices crude iodine is definitely dearer than the other halogens.

The advance in prices on agar agar was entirely expected and the only criticism noted locally was that the rise had not gone far enough to make spot prices properly reflect the prevailing cost of replacements. Japan reported a strong and active market and trade on spot was lively most of the time.

Menthol sagged under the weight caused by absence of much demand for the natural product. Competition was keen whenever even a jobbing order came to the spot and the yielding of prices to the extingencies of the situation was no more than might have been expected.

Borax and boric acid manufacturers announced that prices prevailing during the first six months of the year had been extended to cover contracts for deliveries over the last half of the year. Renewal of contracts was said to be making excellent progress in all directions.

Acid, Acetyl Salicylic.—Prices were firm and the market appeared to have completed stabilization on the new level of values recently established. Movement into consumption was along normal lines and the outlook favored continuation of a satisfactory absorption of goods.

Acid, Citric.—Much more seasonable weather caused a lift to demand that made sales volume rise to a satisfactory level during the past week. Movement into consumption was steady. Prices were very steady in all directions.

Acid, Hydriodic.—Because of a drop in the cost to manufacture, resulting from the present low cost of raw material, quotations on 47 percent were down to $2.20 per pound and the 57 percent was available at $2.65.

Acid, Tartaric.—The beverage trade were more active consumers of this item last week. Hot weather raised demand for the material to a level new to the season thus far this year and the result was a firm price position and a market not overly competitive as between producers.

Agar Agar.—Quotations on No. 1 were advanced to 67c. to 68c. per pound while those on No. 2 were raised to 64c. to 65c. per pound. This advance hardly brought spot quotations abreast of the advancing cost of replacements in the primary market. Very good consumption accompanied the rise and gave to the market additional strength.

Alcohol.—Preparations whereby manufacturing and other requirements are to be met during the second six months of this year were going forward. Announcement of the price schedule to prevail over at least a portion of that period has been expected daily and as this was written information in hand suggested that before going to press some announcement may be made. If so, it will appear on page 2, this issue.

Aloin.—Producers have at last reflected the lowered cost of production that has accompanied the reduction in raw material costs. Quotations were down to the basis of $1.50 to $1.55 per pound last week. Demand continued to be routine in character but volume was fair in size.

Betanaphthol.—Resublimed material was lower at 55c. per pound in keeping with somewhat more favorable production costs and the presence of a fairly active competition in local circles. Technical was noted at 24c. to 27c. per pound but it tended downward.

Bismuth Metal and Salts.—The lower prices at which crude iodine has been obtainable was responsible for a reduction in quotations on bismuth subiodide. The new price was $3.88 to $3.93 per pound, at which level a steady market prevailed. Other bismuth salts lacked change. Demand was well sustained.

Borax. — Producers announced last week the extension of first quarter prices to the end of the year. This was taken as evidence of the stable position occupied by the material since the first of the year. Consumption has been in good volume. Renewal of contracts to cover second semester business has made excellent progress.

Calcium Gluconate.—The manufacturer of this material no longer offers a technical variety. Only the pharmaceutical grade is available and last week that article moved steadily and in normal volume on the basis of 50c. to 57c. per pound, according to quantity.

Castor Oil.—According to a general memorandum on the All-India castor bean crop for the 1935-1936 season, the acreage producing beans was 1,452,000 acres, compared with 1,448,000 acres in the previous crop year. The yield is estimated at 122,000 long tons of beans, compared with 105,000 long tons in the previous year. The yield per acre this year was estimated at 188 pounds per acre, against 162 pounds per acre in the next previous year. The condition of the crop was reported to be fairly good on the whole. The report also states that exports to the United States for April to December, 1935, totaled 3,700 long tons, against 11,400 long tons in the corresponding period a year previous. Demand for castor oil remained quiet on the spot last week, the call being for strictly routine purposes.

CHICAGO, June 5.—Castor oil is ruling steady in price, and is getting considerable attention from the buying trade. The result is that the tone is good and the volume of shipments is holding up well. Ruling prices of representative sellers are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11¼c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅝c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Codliver Oil.—Production of this oil in Norway continued to run behind the output of the article during the previous year. In fact, output to May 20 was the smallest for the past five years. The undertone was firm abroad and the local market was steady. Demand was not especially active but revival of contract buying for later deliveries was expected to come soon.

BERGEN, May 20.—Fishing was somewhat better last week, with an output of about 3,344 barrels of crude medicinal codliver oil. According to the official report, the catch and production up to the present time compare with previous years as follows:—

	Cod, kilos.	Crude oil, barrels.
1936	122,000,000	51,516
1935	102,500,000	54,144
1934	131,500,000	70,118
1933	131,800,000	65,273
1932	153,100,000	78,438

Price Changes

Prices were changed during the past week as follows:—

Advanced

Agar agar, No. 1, 2c. per lb.
No. 2, 2c. per lb.

Reduced

Acid, hydriodoc, **47%, 5c. per lb.**
57%, 5c. per lb.
Aloin, 10c. per lb.
Betanaphthol, sublimed, 5c. per lb.
Bismuth subiodide, 17c. per lb.
Cadmium iodide, 15c. per lb.
Calcium iodide, 10c. per lb.
Iron iodide, 10c. per lb.
syrup, 2c. per lb.
Lead iodide, 5c. per lb.
Manganese iodide, 10c. per lb.
Menthol, 5c. per lb.
Mercury iodide, 15c. per lb.
Thymol iodide, 10c. per lb.
Zinc iodide, 20c. per lb.

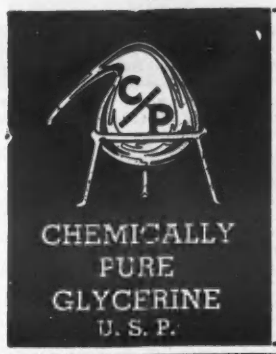
Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
183.6	**183.9**	**184.4**	**186.4**

Market news that may have developed after this report was sent to press will be found on page 2.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 4



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Cream of Tartar.—Sales were in fair volume and were also in line with normal movement into consumption at this time of the year. Quotations seemed to be fairly steady, but there was still a moderately active competition extant on the spot.

Ephedrine.—The movement gained somewhat over than in the previous trading period. Quotations proved to be very steady in the absence of any disposition on the part of producers to accept business at less than the openly quoted schedule. Competition was negligible.

Epsom Salt.—Routine trading that reached normal volume was reported and the market proved to be a very steady affair last week. The output of the producers was fully up to requirements of buyers and, in fact, it left something of a surplus.

Glycerin.—Little change in the firm to strong spot market was noted last week. Cost of crude worked to keep prices on chemically pure material in well maintained position. Also, consumption was such as to take up production sufficiently quick to prevent accumulation of a surplus. The outlook for stable prices was said to be very good.

CHICAGO, June 5.—Steady market conditions continue to prevail in the c.p. glycerin market. Orders are coming along from contract customers in good volume, and they seem to be taking out most, and in some cases, all of their commitments. Spot business is fair. Other grades are quiet. Ruling prices are:—C.p., drums, car lots, 14½c. per pound; drums, less than car lots, 15c.; cans, less than car lots, 16½c. to 17½c., according to quantity; dynamite, car lots, 14½c.; less than car lots, 15c.; soaplye, 11¼c. to 12¼c.; yellow, distilled, drums, car lots, 14⅞c.; less than car lots, 14⅞c.

Hydroquinone. — Consumption was excellent and the market showed improvement in market undertones. Prices were declared to be distinctly firm and so far as could be learned there was no shading of the openly quoted values on spot last week.

Iodine and Iodides.—Numerous minor iodides were selling at lower prices. The schedule was as follows: Cadmium, $3.75 to $3.80; calcium, $3.70 to $3.75; iron, $2.85 to $2.90; iron iodide syrup, 37c.; lead, $2.35 to $2.40; manganese, $5.10 to $5.15; mercury, red, $3.45 to $3.50; yellow, $3.55 to $3.60; thymol, $1.55 to $1.60; zinc, $4 to $4.05. These lower prices reflect the reduced cost of production based on crude iodine at the present low price level.

Menthol.—Quotations were usually unchanged but on actual sales $3.20 per pound was done and that figure was 5c. lower than the open quotation noted during the previous trading period. Demand was sluggish and the market was quite as competitive as it had been since stocks were substantial and manufacturing requirements at a comparatively low ebb.

Mercurials.—Steady consumption in fairly satisfactory volume was reported locally during the past week and the market undertone was steady in all respects. Production costs held up well as there was no further change in quotations on quicksilver.

Phenobarbital.—Business was good. Requirements of manufacturing consumers came up to an excellent volume and gave to market undertone a firmness that was evident in the steady maintenance of current quotations and also in the absence of much competition.

Potash Bromine.—Lower prices have encouraged a somewhat more active and larger consumption of this article and the market throughout the past week displayed a firmness of undertones that was in keeping with the solid position held by prices.

Potash Glycerophosphate. — Trade was normal and very steady. The stability of production costs accounted for the well maintained quotations, noted on the basis of $1.25 to $1.35 per pound during the past several months.

Quicksilver.—Competition was fairly active locally, and although there was a lack of open change in prevailing prices, the tendency was for them to move in favor of buyers. Domestic production on a larger scale is being discouraged by the prices at which foreign sellers have been doing business in this market.

SAN FRANCISCO, June 1.—Foreign competition is declared by local sellers and producers to be tending to force down prices and make for an easier market in New York. Sales, however, continue about routine, according to the trade here. Prices are quoted at $75 per flask in 100-flask lots, New York delivery basis; local quotation, 65c. per flask less.

Quinine.—Demand was somewhat more routine but on the whole the market was in firm position and the movement was along lines of seasonal activity. Considerable thought was given to the exchange developments abroad, there having been a weakening so far as those countries that are still on the gold standard. Holland is one of them and whatever happens to Dutch exchange is likely to affect the quinine market.

Santonin.—Most of the sales were routine and the volume was not very great. There appeared to be plentiful stocks still unsold on this market and the prices were low and generally favorable when compared with what has been pain in many other countries.

(Continued on page 42)

Sharp & Dohme Promotes Long

E. Hugh Long has been appointed assistant general sales director of Sharp & Dohme, pharmaceutical manufacturer, Philadelphia. In addition to his new duties Mr. Long will continue to have general supervision of the sales promotion department, as heretofore. In 1924 Mr. Long was made manager of the Dallas, Tex., sales division, and in 1933 moved to Philadelphia as sales manager of all sales divisions in the Central West and South. Early this year he was appointed director of sales promotion.

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Botanical Drugs, Gums

Shipping Container for Digitalis and Ergot an Unsolved Problem— Buchu Progressively Higher — Nine Percent Jalap Higher Here and Hard to Get in Mexico

Dealers on the spot last week reported an improved demand for botanical drugs. Inquiry was also more active and general conditions appeared to be considerably better than they had been in the previous fortnight. The result was a larger volume of sales and substantial indication of further business to develop in the immediate future. Undertones in the market were steady to firm at all times and prices were better maintained in practically all directions.

The situation in digitalis and ergot was rendered somewhat more interesting when the arrival of June 1 made it necessary for dealers to make all deliveries of these articles in containers that were air-tight and water-tight. This was necessary in order to meet the new requirement of the U.S.P., the revised version of which became effective on the above date.

So far as digitalis was concerned, dealers were mostly undecided as to what type of container would be acceptable to the Department of Agriculture; the department has failed to approve any specific type of container. Goods sold last week were delivered in drums meeting the air and water requirement and it was an expensive form of package. Eventually, bulk shipments from Europe were expected to reach here in tin lined cases similar to those in which Spanish ergot is shipped to this country. When that takes place, bulk shipments from warehouse to consumers will probably be made in original packages, leaving only the problem of broken package shipments to be worked out. Higher prices on digitalis covered partially the higher cost of container.

Cables on Spanish anise reported a decrease by 25 percent in the prospective crop, the drop being caused by too much rain. Jalap root is now on the N. F. basis of strength requirement; it no longer appears in the U.S.P. The minimum strength is 9 percent. Dealers advanced spot prices last week and declared that it was difficult to buy anything but high test root in Mexico at this time.

Fleaseed from India was advanced to cover a sharp rise in shipment prices, a development caused by subnormal production. Buchu leaves were higher. Each attempt to buy at the source resulted in prices there being advanced. Bleached cardamom followed the exceptionally sharp advance in decorticated and green material in the previous two weeks. Bleached material was up sharply and was very strong. French fennel was almost unobtainable on the spot and a nominal market was in effect. Crop reports on mustard seed were indicative of somewhat adverse weather conditions, particularly in California where rains had beaten down a considerable acreage of plants. French marjoram continued to decline under sharper competition on spot.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these seeds by the Department of Agriculture because of the presence of matter rendering the seeds unfit for human consumption, were:—

	Bags— Detained.	Entered.
Anise	1,267	1,338
Caraway	4,033	10,436
Cardamom (cases)	140	1,331
Celery	85	2,018
Coriander	1,438	3,112
Cumin	160	2,965
Dill	55	65
Fennel	180	541
Mustard	...	9,151
Poppy	...	10,982
Sage leaves (bales)	52	.....
Sesame	121	170,710
Thyme herb (bales)	52	30
Totals	7,583	216,594

Price Changes

Prices were changed during the past week as follows:—

Advanced

Althea root, cut, 1c. per lb.
Anise, Spanish, ½c. per lb.
Buchu leaves, 5c. per lb.
Cardamom, bleached, 15c. per lb.
Digitalis leaves, 2c. per lb.
Dill seed, recleaned, ¼c. per lb.
Fennel seed, French type, ½c. per lb.
Fleaseed, Indian, ¼c. per lb.
Jalap root, N. F., whole, 2c. per lb.
powdered, 2c. pr lb.
Mustard seed, California, brown, ½c. per lb.

Reduced

Chamomile flowers, Hungarian, 1c. per lb.
Clove, Madagascar, ½c. per lb.
Coriander seed, Morocco, natural, ½c. per lb.
bleached, ½c. per lb.
Lemon peel, 1c. per lb.
Marjoram, French, 1½c. per lb.
Peru balsam, 5c. per lb.
Pimento, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
107.5	107.2	107.7	75.2

Market news that may have developed after this report was sent to press will be found on page 2.

Balsams

Peru.—Quotations on this item were reduced to $1.15 to $1.20 per pound as the result of local competition in a market where consuming interest was not very large during the past week.

Tolu.—Business was routine and at a level common to the market during the past fortnight or so. Quotations remained steady. Most transactions were well down toward the jobbing limits of consumption.

Barks

Cascara Sagrada.—All reports tend to emphasize the earlier view that collection this year would be considerably less than the normal peel of this bark. Labor was said not to be plentiful, and the peeling districts are so far back into the country as to make it difficult to get out the quantity of bark actually needed to meet world consumption. The cost of collection was expected to be higher than that a year ago. The holdover is virtually nil.

Lemon Peel.—Some very good business was put through on the basis of the lower quotation of 9c. to 10c. per pound during the past week. There was an easier undertone to the market and more competition between dealers.

Orange Peel.—The advance in prices noted during the previous trading period was well maintained and the market was firm at all times during the past week. Replacements have strengthened substantially of late and with better than fair demand the usual experience of sellers, the entire situation seemed to be much improved.

Soap.—Further change in prices was lacking but the market continued to be competitive and conditions were generally favorable for buyers with firm orders to place. A fair-sized consuming interest was reported during the period under review.

Wahoo.—Root bark held at 45c. to 47c. per pound but the undertone was still fairly easy and sellers were disposed to shade further if necessary to secure such firm orders as might come on the spot market. Tree bark held without change and conditions failed to forecast any alteration.

Beans

Calabar.—A nominal market prevailed locally in keeping with an absence of most if not all demand for this material. Quotations were held unchanged; there was nothing to force a change in the schedule.

Vanilla.—Dealers in vanilla beans spent much of their time at the annual meeting of the Flavoring Extract Manufacturers' Association, held in this city last week. Hence, market information regarding the status of the market was not readily obtainable nor was there much of new import developed during the period under review. The cables received emphasized the strength in which the article was held in all primary markets, and so far as spot quotations were concerned, there was a marked lessening of competitive tendency. Stocks of good quality beans were small in all markets, at home as well as abroad.

Berries

Saw Palmetto.—The reserves in the primary market were low and in strong hands. The outlook favored consumption of what was available between now and another crop. Prices were well maintained, there and here. Local trade was light.

Sloe.—Improvement in the movement of this article was seasonal and a stiffening of prices came without an accompanying advance. Stocks seemed to be plentiful.

Flowers

Arnica.—The market was fairly easy and always competitive on the spot. The demand was quite light most of the time and consisted principally of jobbing requests. Crop progress abroad

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on Page 4

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Ginger Root
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was said to have been quite satisfactory.

Chamomile.—Hungarian flowers were down to the basis of 22c. to 23c. per pound last week and the market continued to be competitive. A fair-sized consuming demand was current, volume being about normal for this season. Sales to the toilet requisite manufacturers were very good. Roman flowers failed to decline further but the market was still easy under the influence of lower replacement costs abroad and keen competition on spot.

Lavender.—The lower duty on this item become effective June 15 but at least a portion of the reduced cost to import has been reflected in local quotations. In view of the narrow consuming market, dealers were disposed to stand pat at present prices for the time being at least.

Pyrethrum.—In practically all respects, conditions have favored buyers of goods for later delivery, but so far as could be learned last week, the interest of buyers was nominal. The tendency to hold aloof in anticipation of further price reductions was predominant.

Rose.—Prices may work somewhat lower than the reduction in import duty goes into effect on June 15. In the meantime, little demand was reported and hence sellers were disposed to hold quotations to a fairly steady basis while awaiting further developments.

Gums

Aloe.—The market was quiet. Prices on the Curacao gum seemed to be somewhat easier than they had been and dealers were disposed to look for some further reduction in quotations should the crop prove to be one of substantial size. Cape aloe was very firm in price and difficult to obtain at the source. Reports from Europe indicate a total lack of offerings from the source.

Arabic.—The principal suppliers of this article said that there is no shortage of gum strictly U.S.P. in quality and offered to sell consumers under a guarantee as to the delivery measuring up to the requirements of the U.S.P. Demand was somewhat narrow on the whole and, hence, the spot market remained competitive. The tendency was to move prices in favor of buyers for consumption.

Benzoin.—Fair-sized trading was reported and the market was steady on the basis of the business done. The position of Siam gum was one of great stability, a condition in line with the very moderate consumption of that article and the high cost of the same.

Guaiac.—Small stocks were the rule in all directions and they were likely so to remain. Almost every lot reaching this country is of a quality not reaching the requirements of the Department of Agriculture regulations. The prices were therefore high and strong at all times during the past week.

Myrrh.—All attempts to put this article on a price basis warranted by prevailing cost to replace in the primary market have failed because of the continued offerings of spot goods at less than the replacement cost. It was a purely competitive situation made possible by the fact that some quarters were holding substantial stocks.

Herbs and Leaves

Buchu.—The market has been advanced to 50c. to 52c. per pound. Each attempt to buy at the source brings an advance in prices. The quantities offered on any single transaction were far below normal because shippers realize the value of the small stocks available and are determined to make them yield the maximum of profit to the primary market supplier.

Digitalis.—All shipments of this article must be in an air-tight and water-tight container. This became necessary on and after June 1, when the new U.S.P. requirement became effective. Dealers were "up in the air" as to what container to use. One of them took the definite step of shipping to consumers in special drums. Others were considering—even trying out, in some instances—a carton which might be satisfactory to the government. Foreign shippers have to pack according to the new U.S.P. and it was felt that bulk shipments in the future would arrive from Europe in tin-lined cases, which would mean that ultimately, bulk deliveries in this country would be in that container if it is acceptable to the Department of Agriculture. It was understood that the department has not yet approved any container, which, if true, was not of much help to dealers seeking to meet the requirements of the law. Quotations were higher at 25c. to 26c. per pound to cover the increase in the cost of container.

Marjoram.—French goods were offered on spot at 20c. to 21c. per pound last week, being a substantial decline from the quotations noted in the previous week. It was the result of local competition. Tunisan material lacked quotable change.

Senna.—Reports concerning the crop situation were not too satisfactory and some looked for a reversal of the recently downward trend in spot quotations. Demand was reported to be fairly good and the result last week was a somewhat firmer situation generally.

Stramonium.—Limited demand and a fairly competitive market was current on the spot and the situation failed to develop signs of an early improvement. Stocks were said to be ample in all quarters.

Miscellaneous

Cantharides.—Russian flies remained in their recently easier position and the tendency of sellers was to accept reasonable bids. Russian flies have not reflected the competitive conditions developed by the changes in quotations on Chinese flies. Demand was routine at all times last week.

Ergot.—Buyers of ergot from now on may expect to receive shipments in air-tight and water-tight containers. This is a requirement of the new U.S.P. which went into effect on June 1 and affects shipments in original containers and broken package deliveries alike. The result so far as quantities smaller than original packages will be to increase the cost of the smaller deliveries. In view of the small stocks of ergot available and unsold at this time, the market had a strong tone last week and the tendency of prices was upward, if any. Future developments will depend on the need of buyers.

Manna.—Competition was brisk for the small amount of business done in this material last week, and the price situation was none too steady. Competition from manufactured mannitol was said to be quite keen and some expect that future imports of manna will be smaller in volume than had been the case in the past.

Papain.—Prices were low. So was demand. The result was continued weakness in prices because of the very competitive situation prevailing in local circles.

St. John's Bread.—Stocks were still on the low side and quotations remained on a nominal basis for the most part in all local quarters last week. Some sellers had difficulty in filling even the jobbing orders received.

Roots

Althea.—Quotations on cube cut root was higher at 26c. to 27c. per pound, confirmed under competitive conditions on the spot last week and resulting from stocks being moderate.

Jalap.—The new minimum specification on this article is 9 percent; it has been withdrawn from the U.S.P. and is now an N.F. article. Quotations were higher at 17c. to 20c. per pound last week, the range covering the element of test. Powder ranged from 21c. to 24c. per pound. Reports indicated that it was proving difficult to obtain 9 percent root in the primary market.

Orris.—Very fair-sized consumption of this article was noted and sales volume was said to match up fairly well with the seasonable consumption of the article in most years at this time. Quotations were generally steady in all directions.

Senega.—The primary market has yet to indicate definitely the probable trend of total collection this year. Usually, price trend is downward during the Spring months in anticipation of replacements being available at lower prices when the crop is in. This year, prices have remained inert and at the moment the market is 35c. to 36c. per pound.

Turmeric.—The market has recovered is stability, recently disturbed by the appearance of new crop goods on this market. Prices have become quite steady. Demand has been about level with normal takings of the material.

Seeds

Anise.—Reports concerning new crop of Spanish anise have been adverse. Too much rain has led to the statement that the crop will be reduced 25 percent this year. Prices on spot have been advanced to a minimum of 9½c. per pound and some quarters quoted lowest at 10c. Star anise was not advanced further but the market held very firm at 13½c. to 14c. per pound.

Cardamom.—Bleached seed was advanced to $1.05 to $1.25 per pound, thus completing the much stronger situation that started with severe and sustained rise in quotations on decorticated and green seed for spot and later delivery. The two latter articles lacked change last week.

Coriander.—Morocco seed was advanced to 6c. to 6½c. per pound and the bleached variety of that article was up to 7½c. to 8c. per pound. Both movements reflected strength here and at the source.

Dill.—Recleaned seed was higher at 5¾c. to 6c. per pound under the influence of better demand. Dewhiskered and polished material lacked quotable change but was in firmer position.

(Continued on page 42)

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on Page 4

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5-Chlorothiazoles with cyclohexylbenzylamine
5-Chlorothiazoles with ethylcyclohexylamine
5-Chlorothiazoles with isopropylcyclohexylamine
5-Chlorothiazoles with methylcyclohexylamine
6-Chlorothiazole with amines
6-Chlorothiazole with betanaphthylamine
6-Chlorothiazole with butylcyclohexylamine
6-Chlorothiazole with cyclohexylanilin
6-Chlorothiazole with cyclohexylbenzylamine
6-Chlorothiazole with ethylcyclohexylamine
6-Chlorothiazole with isopropylcyclohexylamine
6-Chlorothiazole with methylcyclohexylamine
Cinnamaldehydeanilin
Cinnamaldehydeethylamine
Citronellalanilin
Cobalt dithiocarbamate
Cobalt pentamethylenedithiocarbamate
Cobalt salts of alkyldithiocarbamic acid
Cobalt salts of aralkyldithiocarbamic acid
Compounds containing the C (:) S group
C. B. P.
Crotonaldehyde
Crotanaldehyde derivative of the reaction products of mercaptothiazole and hexamethyleneamine
Crotonaldehydeanilin
Crotonaldehydeanilin with mercaptobenzothiazole
Crotonaldehydeanilin with mercaptonaphthothiazole
Crotonaldehydeanilin with mercaptotolylthiazole
Crotonaldehydeanilin with mercaptoxylylthiazole
Crotilidineanilin
Crotilidinealphanaphthylamine
Crotonic acid
Crylene
Cyanuric chloride and mercaptobenzothiazole
Cyclohexylamine dithiocarbamate
Cyclohexylamine pentamethylenedithiocarbamate
Cyclohexylamine salt of methylenedithiocarbamic acid
Cyclohexylamineimidoazolin
Cyclohexylammonium-mercaptothiazole
Cyclohexylethylamine pentamethylenedithiocarbamate
D B A
Decahydrobetanaphthylamine and hexahydrotolylamine
Derivatives of aldehyde of Schiff's base and organic acid chlorides
Dextrosazone
Diacetoneamine
Diacetoneamine anhydride
Diacetoneamine condensation products of 2-mercaptobenzothiazole
Diamylamines
2:4-Diaminodiphenylmethane
Dibenzenoidthiazylmonosulphides
Dibenzenoidthiazylsulphides
Dibenzoidthiazylpolysulphides
Dibenzothiazyldisulphides
Dibenzothiazylpolysulphides
Dibenzothiazyl-s', s'-dithiocarbamates
Dibenzylamine
Dibutylamine
Dibutylamine salt of oleic acid
Dibutyldixanthic disulphide
Diesterex N
Diethylamine
Diethylamine salt of ethylxanthicacetic acid
Diethanolamine heterocyclic bases
Diethanoldithiocarbamate heterocyclic bases
Diethyldiphenylthioouramidsulphides
Diethyldithiocarbamic acid
Diethyldithiophosphate esters
Diethyldithiophosphate salts
Diethyldithiophosphate with sulphur monochloride
Diethyldithiophosphates
Diethylideneammonium dibenzyldithiocarbamate
2:3-Dihydroxypropylpyridinium 2-benzothiazylsulphide
Dihydrotriacetoneamine
Di-isoamylamine with metal oxide
Di-isopropyldithiophosphate esters
Di-isopropyldithiophosphate salts
Di-isopropyldithiophosphate with sulphur-monochloride
Di-isopropyldithiophosphates
Dimethylamine
Dimethylamine carbon bisulphide derivative
Dimethylamine urea derivatives
Dimethylammonium dimethyldithiocarbamate
Dimethylaniline
Dimethyldiphenylthioouramdisulphides
Dimethyldiphenylurea
Dimethyldithiocarbamate of diethylidene ammonium
Dimethylthiocarbamate reacted with phosphorus and orthonitrophenyl-sulphur chloride
Dimethyldithiocarbamic acid
Dimethylparaphenylenediamine
Dimethyleneammonium methylphenyldithiocarbamate
Dinitrobenzothiazole sulphide
6:6'-Dinitro-5-chlorodibenzothiazole
Dinitrochloronaphthalene with mercaptobenzothiazole
Dinitrophenyl dimethyldithiocarbamate
2:4-Dinitrophenyl 6'-ethoxybenzothiazyl-2-mercaptide and the reaction product of an aldehyde or amine
2:4-Dinitrophenyl 6'-ethoxybenzothiazyl-2-mercaptide and crotonylideneanilin
2:4-Dinitrophenyl-5-chloromercaptobenzothiazole
2:4-Dinitrophenylmercaptobenzothiazole
2:4-Dinitrophenyl-4-nitro-5-chloromercaptobenzothiazole
2:4-Dinitrophenyl-4-nitromercaptobenzothiazole
Diorthotolylguanidin
Diorthotolylguanidin, 2-mercaptobenzothiazole, and phthalic anhydride dissolved in stearic acid
Diorthotolylthiourea
Dipentamethylene disulphide
Dipentamethylene tetrasulphide
Dipentamethylene monosulphide
Dipentamethylenethiouram
Dipentamethylenethiouram tetrasulphide
Diphenylamine
Diphenyldibetanaphthyl disulphide
Diphenylguanidin
Diphenylguanidin acetate
Diphenylguanidin benzoate
Diphenylguanidin hydrochloride
Diphenylguanidin phthalate
Diphenylguanidin with sulphur monochloride
Diphenylmethyl benzothiozylsulphide
Diphenyl (phenylamino) guanidin
Dipiperidylchlorphosphin
Dipiperidylchlorsulphophosphin
Dipiperidylmethylenediamine reacted with aluminum chloride
Dipiperidylmethylenediamine reacted with calcium acetate
Dipiperidylmethylenediamine reacted with carbonyl chloride
Dipiperidylmethylenediamine reacted with lead acetate
Dipiperidylmethylenediamine reacted with magnesium acetate
Dipiperidylmethylenediamine reacted with oleic acid
Dipiperidylmethylenediamine reacted with palmitic acid
Dipiperidylmethylenediamine reacted with sodium acetate
Dipiperidylmethylenediamine reacted with stearic acid
Dipiperidylmethylenediamine reacted with zinc acetate
Dipiperidylmethylenediamine reacted with zinc chloride
Dipiperidylmethylenediamine reacted with zinc hydroxide
Dithiocarbamates
Dithiocarbamic acid, or its normal substitution products, condensed with salts, esters, amides, or other functional derivatives of dichloroacetic acid
Dithiocarbamic acid ammonia derivative with benzyl alcohol
Dithiocarbamic acid ammonia derivative with carbon bisulphide and an inorganic base

(To be continued)

Essential Oils, Aromatic Chemicals

Weakness in Camphor Oil Prices Keep Derivatives Unsettled and Subject to Shading--Lemon Up Slightly—Anise Offered From the Source — Cardamon, Cumin Rise

Demand for essential oils and aromatic chemicals was reported to have been along seasonal lines during the past week. The undertone of the market was steady for the most part, although competition was still a factor in keeping values favorably placed for buyers with firm orders in hand. Outstanding weakness continued to be noted in camphor oil and its derivatives. Anise was offered more freely for shipment and spot prices dropped. Cardamom, cumin, and lemon were up slightly on the week. Orange remained very steady. Peppermint was in uncertain position with some sellers naming prices that seemed to be entirely out of line with what it costs to buy good quality oil at the source.

A resumption of primary market offerings of anise oil was the first break in a shipment market that for weeks had been blocked by the refusal of shippers to accept Chinese paper money in lieu of the silver formerly used in payment. The quantities offered were not large, but there were several of them in the market and the return of trade in the article served to ease the spot quotations on U.S.P. material. Cassia held free of quotable change, but the market seemed to be somewhat more competitive than it had been recently.

Much higher cost of raw material caused a rise in cardamom oil prices. The advance was moderate, but the market was exceptionally firm regardless of the absence of more than casual demand for the material. Cumin was in not excessive supply and sellers at minimum quotations recently noted asked slightly higher limits for prompt deliveries. Coriander also tended to show price improvement.

Citrous oils came in for fairly good consuming request, a development in line with the season. Lemon oil was up slightly on the week so far as certain brands were concerned, but the higher quality material was merely exceptionally firm in keeping with the primary market situation. Orange was firm and moved more actively in a somewhat less competitive market. Lime moved more actively at very firm prices.

Camphor oil was unsettled, weak, and subject to shading when firm orders were in sight. It required an actual order shopped through the market to develop actual sales prices, but it seemed virtually certain that all open quotations were subject to shading. Naturally, artificial sassafras and safrol were affected on the side of unsettlement because of the situation in raw material and the generally high degree of competition prevailing here.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cardamom, 50c. per lb.
Cumin, 50c. per lb.
Lemon, Italian, 5c. per lb.

Reduced

Anise, U.S.P., 3c. per lb.
Camphor, sassafrassy, 1c. per lb.
white, 1c. per lb.
Sassafras, artificial, 1c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
68.1	68.0	67.7	72.1

Market news that may have developed after this report was sent to press will be found on page 2.

Essential Oils

Almond.—Very good in size and steady in character was the demand for sweet true almond oil during the past week. The import position of the article was somewhat easier in keeping with decline in the rate of exchange on France but that was without effect on sellers' views as concerned spot delivery goods.

Anise.—Offerings of shipment oil have been resumed in moderate volume from the primary market and prices were also somewhat easier than they had been on the nominal basis in effect for many weeks. Spot quotations receded to the basis of 57c. to 60c. per pound for U.S.P. oil, ruling according to quantity and seller.

Bergamot.—The firmness of the market was hardly a feature because that condition had prevailed for a long time past and also because of the added fact that consuming demand was not very active on spot regardless of prices at which deliveries might be secured. It was a dull market characterized by firm undertone that reflected replacement costs.

Bois de Rose.—A well stabilized market prevailed on the spot. Sellers reported firm undertones here and that was in line with the primary market position of the material. Quotations were fully maintained at all points and the market closed firm.

Cajeput.—The prices have hardened and the outlook was for a fair degree of stability at quotations at least close to those prevailing during the past week. Demand was routine and mainly for jobbing account.

Camphor.—The market was highly competitive and prices were weak and poorly supported. Sassafrassy oil in drums was priced at 14c. to 15c. per pound and probably could be bought for less. Whits oil in drums was noted at 15c. to 16c. per pound and indications favored probable shading of the inside figure. It was a buyers' market.

Capsicum (Oleoresin).—The firm position of raw material at its recent advance caused this oleoresin to remain in exceptionally well maintained price position and also to keep it clear of much competition when substantial quantities of material were in demand.

Cardamom. — Production cost has risen substantially and the spot market on oil was higher at $11 to $28 per pound, price depending on quality and seller. The raw material quotations have risen sharply during the past two or three weeks, this because of unfavorable crop conditions in India.

Cassia.—Open quotations were unchanged but the market seemed to be somewhat easier under the influence of a not very active demand from manufacturing consumers. Quotations were noted at $1 to $1.10 per pound but conditions favored shading for buyers with firm orders in hand.

Cedarleaf.—The market was undersupplied with prompt delivery and hence prices remained strong and high regardless of the not too active demand from buyers. A return to conditions indicating normal supply to be available on spot was uncertain and probably somewhat distant.

Cedarwood. — Seasonable requirements continued to be in good size and the steady sale of moderate-sized quantities tended to keep quotations to a firm basis in all quarters on the spot.

Celery. — Hand - to - mouth demand was the rule but the market seemed to be firm, mainly for the reason that the present stocks were produced from raw material bought at fairly high prices. Quotations were well maintained. Stocks were not excessive.

Citronella.—Routine request was current in the reduced volume noted in recent periods and hence the market failed to show any important degree of improvement. Quotations were comparatively low but they were also very easy under the influence of active competition that governed the spot market throughout the entire period.

Clove.—Fairly good request was the general report on spot. Deliveries against existing contracts were being accepted with a fair degree of promptness by consumers. Raw material costs have failed to weaken since the recent advances and hence clove oil prices were firm.

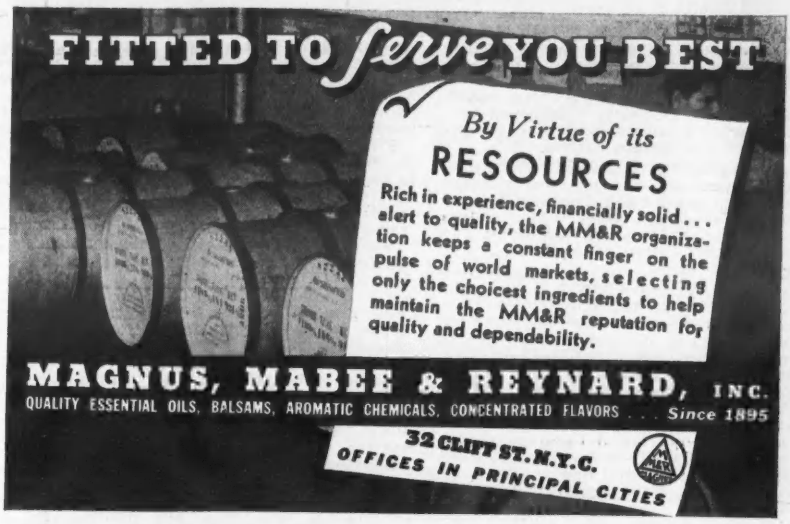
Cumin.—The market was lowest at $8.50 per pound and the range was to $10 per pound, according to seller, quantity, and quality. Demand was light to nil, according to most sellers. Undertones were steady because of the sustained cost to replace current stocks.

Eucalyptus.—Demand on the basis of a volume reduced to seasonal limits was reported on the spot last week. Prices remained firm in keeping with what was paid the primary market for the moderate stocks still available in local circles.

Geranium. — Replacement costs were exceptionally firm in all quarters and the market as a whole was free from any important amount of competition. Dealers kept in mind the higher replacement costs that have been paid in primary markets and hence maintained their spot prices in firm position. Demand was fair in size but routine in kind.

Lemon.—One brand of Italian oil was higher at $1.20 per pound as the result of the firm replacement market and

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 4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regardless of the fact that demand was but a part of which might usually be expected at this time of the year. Other brands held firm and in line with the prevailing cost of replacements. California oil moved in very good volume, having a substantial price advantage over the Italian article.

Lemongrass.—Weakness continued and competition remained an element tending to keep open quotations subject to shading when firm orders reached the spot market. Demand was not specially active at any time.

Lime.—A fairly good movement was a sign of the more active consuming season so far as the bottled beverage trade was concerned. Prices remained well stabilized on spot, reflecting the firmness that has featured primary market values for a long time past.

Mustard.—The weakness caused by competition and productive of lower prices on the artificial article was still current but has failed to press values any lower. Undertones were comparatively easy. Demand was routine and for moderate sized quantities at all times.

Orange.—Values have held very steady. Replacement costs have maintained the firmer undertones noted for some time past and the position of Italian oil was especially marked for this favorable position. Demand has shown some of the seasonal expansion reasonably to be expected at this time of the year. Taken together, the influential factors on the spot market kept quotations well maintained.

Peppermint.—Considering what has to be paid for good quality oil in the primary market, it was difficult to account for some of the prices mentioned on the spot last week. The reports named prices that yielded virtually no margin over the cost of the oil at the source. Most sellers were disposed to hold stocks in hand at this time and to await further development in the middlewest.

Pimento.—Stocks of oil were conservative in size and the article bought in the West Indies was not offered at all freely from the source. Prices were very firm on spot and the tendency was distinctly upward.

Sassafras.—Artificial oil was lower at 37c. to 38c. per pound in drums and 40c. to 41c. per pound in cans. Competition was very keen and the cost of raw material continued to work sufficiently lower to keep competition prominently to the fore in the local market last week.

Savin.—The market was still $1.70 to $1.75 per pound but it was also easy and still under the influence of the reduced replacement cost that was productive of the recent decline in spot quotations. Demand was routine and definitely jobbing in size.

Spearmint.—A routine amount of local trading was done but practically all demand was for jobbing lots and dealers were able to secure full prices. Competition was negligible locally. Holdover at the source was believed to be comparatively small and a good sized crop is hoped for.

Thyme.—Replacement costs were firm and offerings were moderate. Production was not too plentiful last year and dealers hope for a substantial increase in the output at the source this year. Demand was moderate and mostly from routine sources of consumption.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 4

25 Years Experience
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NORTHWESTERN make — NORTHWESTERN quality
AMYL VALERATE AMYL CAPROATE
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ETHYL FORMATE AMYL FORMATE
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The Northwestern Chemical Company
The Largest Makers of Butyric Ether in the World
WAUWATOSA WISCONSIN

Vetiver.—Prices have firmed up and no further tendency toward reduction was reported last week. The present schedule was said to line up with the prevailing cost of replacement material. Demand was fair as to quantity and steady as to the day-to-day request reaching the spot.

Wormseed.—A firm market was reported regardless of the not especially active demand for the article at this time. Should the advance in prices on santonin be extended, dealers look for a revival of export interest in this article. Home consumption was conservative.

Aromatic Chemicals

Alcohols.—The higher alcohols were all steady in price and subject to a steady demand for normally sized quantities. Prices were firm and left little opportunity for competitive shading.

Aldehydes.—The higher aldehydes were in moderate demand and business was done at prices fully maintained and totally lacking in much in the way of local competition. Trade was up to recent levels.

Alpha Amylcinnamic Aldehyde.—At $2.15 per pound a fair trade was worked in this material and the undertone of the market appeared to have improved as compared with the recently more competitive situation on spot.

Benzyl Cinnamate.—The fixative was in good request most of the time, although on some days a drop in trading interest was reported. Prices were quiet and fairly easy but they lacked any quotable change.

Bornyl Acetate.—This aromatic principle of pine needles held at $1.55 per pound subject to a steady and well maintained demand for quantities that were close to the normal requirements of the manufacturing consumers trading on this market.

Citronellal Acetate.—The rose type, noted for high fragrance, moved in excellent volume although most of the orders received from day to day were for quantities of conservative size. Prices were firm in the absence of much competition.

Dimethyl Hydroquinone.—Demand was somewhat sluggish. Manufacturing requirements appeared to be covered fairly well ahead and hence trade was on a hand-to-mouth volume for the most part. Quotations remained steady.

Diphenyl Oxide.—Sales at 70c. per pound were in satisfactory volume and toward the close of last week a considerable gain in inquiry for the material was said to have taken place. Undertones were somewhat firmer at the close of the period.

Geraniol.—Demand was about normal. Prices were easy in keeping with plenty of competition in local circles. Raw material costs were favorable throughout the period.

Heliotropine.—Moderate demand and steady prices prevailed. Good quality merchandise was well held in all quarters in the absence of substantial competition for the time being at least. Danger of foreign competition likely to break prices was still present.

Trade News Briefs

George E. Getchell, manager of the Edgewater, N. J., plant of the Archer, Daniels, Midland Co., linseed crusher, Minneapolis left June 6 for a trip in the Northwest. He will be away about three weeks.

C. H. Gunn, jr., of the Standard Oil Development Company, this city, has been appointed member of the American Petroleum Institute's committee on disposal of refinery wastes. He succeeds the late C. L. Waite.

General Plastics, Inc., manufacturer of "Durez" resins, reports that Baltimore, Washington, Alexandria, Va., and surounding territory will be covered by its agents in Philadelphia, the West-Haun Company, 600 South Delaware avenue.

McKesson-VanVleet-Ellis Company, Jackson, Miss., has moved into its new home, which was recently built to provide larger quarters demanded by increasing business. The formal opening was held on June 2, a dance and other entertainment being provided for the visitors.

American Oil Company division managers and assistants from ten states, met in Baltimore, May 27, with officials of the corporation to discuss the year's advertising and sales programs. Talks were given by Jacob Blaustein, president; M. J. Gateley, vice-president; E. F. Kalkhof, advertising manager, and Jacob Klein, chief chemist.

B. H. Knight, M. S., 50 East Forty-first street, this city, will carry on the business of the firm of Knight & Clarke, analytical and consulting chemists, following the dissolution of that firm May 26. Mr. Knight will continue as official analyst for the United States Shellac Importers Association, the American Bleached Shellac Manufacturers Association, and the American Gum Importers Association.

Botanical Drugs

Seeds

(Continued from page 40)

Fennel.—French type seed, which meant seed from India, was higher and strictly nominal at 8½c. per pound. Stocks were all but totally exhausted last week. German was in better request and prices showed a deal of firmness at all times.

Flea.—Cables from India stated that the crop was much smaller than usual and that prices were advancing steadily. On the spot, quotations rose to 7c. to 7½c. per pound and the tendency was still upward at a late hour in the period. French seed was firmer and higher levels were looked for shortly.

Mustard.—Mail advices from California indicated that crop conditions were not so favorable because of rains but the extent to which the plants may have been damaged was not known. Spot quotations were raised to 6½c. to 7c. per pound. Also, reports concerning the growth of new crops abroad were none too reassuring. All quotations were firmer.

Spices

Clove.—Madagascar clove was down a small fraction to the basis of 13½c. to 14c. per pound but Zanzibar goods lacked change, holding at 14c. to 14½c. Demand on the spot was said to have been fairly active on jobbing account.

Ginger.—Cochin ginger was returned to a basis of firm offerings last week and quotations ranged 16½c. to 17c. per pound after having been nominal at 16½c. African root was firm at the recent advance and the market undertone continued to show improvement. Jamaica was well maintained in price and the call was fairly good.

Mace.—Stocks of good quality mace were none too plentiful as numerous lots arriving here have been detained because of poor quality. Prices were firmly maintained in the absence of much competition in local circles. Demand was moderate.

Peppers.—Changes in prices were lacking. The market lacked normal activity. Many transactions were in the nature of switching operations from one position to another. White peppers seemed to be somewhat firmer than they had been. More inquiry was noted for red peppers but in the main the principal buyers were aloof and awaiting further developments.

Pimento.—Quotations eased off to the basis of 13c. to 13½c. per pound. This was a further indication of the not very active demand in recent weeks. In fact, the market last week was particularly dull. Sellers were disposed to accept buyers' bids.

Drugs, Fine Chemicals

(Continued from page 38)

Conditions still appeared to be indicative of a well stabilized local situation.

Silver Nitrate.—The schedule of prices since the last reported prevailed at the following, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¾	19⅛
Monday	32⅝	44¾	*
Tuesday	32⅝	44¾	19⅞
Wednesday	32⅝	44¾	19⅛
Thursday	32⅝	44¾	19⅛
Friday	32⅝	44¾	19⅛

* Holiday.

Soda Perborate.—Prominent distributors of this material declared that prices were exceptionally steady and that continued stabilization of values was to be expected. Demand has been very good and deliveries against outstanding commitments with buyers were said to be in expected volume.

Strychnine.—Quotations were firm. Raw material costs were firm, too. Producers met an excellent call and all signs pointed to a season in which consumption should attain normal size. Competition was lacking, that being clear evidence of the well stabilized position of the market.

Mathias Returns to His Desk

Joseph Mathias, president of James B. Horner & Co., essential oil merchant, this city, returned to his office on June 2 after an absence of just over two months. Last April, an ailment caused his physicians to order complete rest for an indefinite period. Mr. Mathias has been an essential oil merchant for more years than anyone active in the trade today. Business has been his hobby for years and for him suddenly to be compelled to "loaf and take his ease, unthinking," was known by his countless friends to be a bitter experience. Yet, to the surprise of all, he obeyed orders, and now is once more at his desk, much improved in health.

Petroleum Solvents, Lubricants, Fuels

Motor Fuel Position Improves As Stocks Decrease — Gasoline Demands Broaden—Solvents Hold Steady—Crude Oil Output Off—No. 3 Hydrogenated Naphtha Rises

The motor fuel market took a turn for the better last week as consumption broadened, storage stocks declined and crude oil production was reduced. The appearance of the market was materially different from that of a week ago and reports from the Midcontinent indicate that prices are likely to turn upward this week. Crude oil output decreased substantially and was well under the 3,000,000 barrels per day mark.

Although prices for petroleum solvents and naphthas were not openly affected by the recent weakness in the gasoline market, there was some fear for the stability of naphtha prices until last week's improvement in the basic market. Demands for Stoddard solvent, v.m. & p. naphthas and petroleum thinners are not so active as they should be at this time of the year, but there is a fairly good business being done, and the tire manufacturers' demands for replacements of rubber solvents continue extensive.

Petrolatums are still shadable on car-lot business but so far as can be learned, the schedule prices are holding on less than car-lot transactions. White mineral oils are faced with the usual dullness of the Summer and most of the trading during the week was constituted by withdrawals against contract. The paraffin market is holding evenly despite light buying.

The lone price feature of the week in the petroleum products used as industrial raw materials was an advance in the price of No. 3 hydrogenated naphtha. This rise took place on Monday and restored the market to an equivalent position with the No. 1 type.

Daily average production of crude oil in United States for the week ending May 30 was 2,943,950 barrels, a decrease of 63,200 barrels from the preceding week's average of 3,007,150 barrels, according to the estimate of the American Petroleum Institute which omits any oil that might have been produced surreptitiously. The average for four weeks ended May 30, was 2,980,200 barrels and the average at this time a year ago was 2,575,900 barrels. Runs of crude oil to stills for the week ended May 30 were reported as having averaged 2,754,000 barrels for 79.4 percent of operation and, according to the data gathered by the American Petroleum Institute, 181,000 barrels additional were run for an estimated total of 2,935,000 barrels against 2,975,000 barrels in the preceding week. Stocks of crude oil on hand May 23 totaled 314,325,000 barrels against 315,481,000 barrels on May 16, according to the Bureau of Mines.

Solvents and Diluents

The market for petroleum solvents and naphthas remained in a steady position last week. Prices at the Midcontinent refinery points have not been affected by the weakening in the gasoline market and quotations are held at the schedule that has been in effect for some time. The East Coast market was steady and latest reports from the Pacific Coast area indicate the presence of a similar condition there. The demands continued in good proportions, particularly the calls for rubber solvents and the requests for petroleum thinners and lacquer diluents from the manufacturers of surface coatings. One price change was made last week—a rise in the price of No. 3 hydrogenated naphtha.

Cleaners' Naphthas. — The market continued to share in the general steadiness of the petroleum solvents' group. Quotations for tankcar lots at the Midcontinent refineries hold at 7⅜c. to 7½c. per gallon, basis Group 3.

Hydrogenated Naphthas.—The price for No. 3 naphtha was raised 1c. per gallon on Monday of last week. The price is now 16c. per gallon for tankcars, f.o.b. Bayway with freight equalized with the nearest competitive point. Other grades were unchanged.

Lacquer Diluents. — The lacquer manufacturing industry continued to buy in good style and the market holds at the price levels that have been in force for some time.

Petroleum Thinners. — Tankwagon prices in Eastern and mid-Western cities have been without change since the recent revision of quotations in the Baltimore area. The bulk market is holding steady at 9c. per gallon at East Coast refinery points.

Stoddard Solvent.—Wholesale cleaners were active buyers during the week under review. The Midcontinent and East Coast markets were free from price disturbance and quotations for tankcar lots at the local refineries were quite firm.

V. M. & P. Naphthas.—Manufacturers of surface coatings were actively identified in the purchasing at the local refinery points. The Midcontinent market was also reported as having been marked with a light rate of activity. Prices were unchanged throughout.

Markets at Other Centers

Chicago, June 4.—Petroleum diluents and solvents show little change, but they seemingly are having little difficulty in holding their own and in maintaining the price position that has been in effect for some time. Consuming lines are taking fairly large amounts of material at this time. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 16.5c., tankwagon; V. M. & P. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Tulsa, June 4.—The market for petroleum solvents remains quiet and movement of the three important grades is less active than that in the earlier part of the year. There is no change in prices and refiners are not pressing the market.

Lighter Fractions

Continued price steadiness was reported for the products included in this division of the market. Prices for butanes, hexane and other commodities in the light gaseous solvent group are being held in a steady place at the schedule levels that have been in force for some time. The demands from industrial buyers continue in routine fashion.

Butanes. — The market possessed characteristic steadiness at the long-standing price basis of 2¼c. to 3¾c. per gallon for tankcar quantities, f.o.b. Group 3. These prices are for material testing up to N. G. A. specifications and depend upon the number of cars bought per month.

Heptanes.—The position of this article has not changed for some time. Quotations hold at the schedule which is based at 9c. per gallon for tankcars of mixed and 10c. per gallon for similar quantities of the normal article. Both are f.o.b. Group 3 and subject to the usual differentials for smaller quantities.

Octanes.—Sharing the steadiness of the general market for light hydrocarbons, this mixture holds to the long-established price basis of 8c. per gallon for tankcars f.o.b. Group 3.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936 Jan. 1-June 6	1935 Jan. 1-June 6
Commercial crude oil production	450,514,000	400,490,000
	Week ended June 6, 1936	Week ended June 8, 1935
Daily average production	2,929,100	2,571,200
	Week ended May 30, 1936	Week ended May 23, 1936
Estimated motor fuel stock total	71,110,000	72,490,000
Estimated finished motor fuel stocks in refineries	41,616,000	42,447,000

Petrolatums and Waxes

White Mineral Oils.—The usual dullness of the Summer period is settling over the market. There is very little new business being done and the withdrawals against contracts are light. Prices for foreign and domestic oils continue in an unchanged position and seem firm at their present levels.

Paraffin Waxes.—Although the demands for scale wax have been very light, the market has been holding in a steady position. In fact, quotations of 2¼c. for 122-124 A. m. p. white are not obtainable in every direction. Most sellers hold for 2.30c. per pound on that grade and 2.35c. for the 124-126 melting point. The export buyers have not been buying for the past two weeks. Fully refined waxes hold in characteristically steady position at schedule levels. The demands are termed as fair.

CHICAGO, June 4.—Refined paraffin wax markets are in firm position, with no particular change noted in the general set-up recently. The business which is coming through at this time seems to be sufficient to hold the tone steady, and the status of stocks is not such as to worry sellers. Export and domestic business is good. Ruling prices are:—122-124, 4.65c. to 4.75c.; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, June 4.—Seasonal quietness appears to rule the wax market and the 124-126 American crude is generally quoted 2½c. per pound on a very light demand.

Petrolatum.—The market shows little change from its position of recent weeks. Car lot orders are frequently placed at ¼c. per pound below the posted position of the market but so far as can be learned there has been no shading on l.c.l. business. The demand side of the market is not very lively.

Fuels and Lubricants

The gasoline market was in a much better position last week. Demands have been broadening and in company with an improvement in crude and refined oil conditions in the Midcontinent, the market has been able to rid itself of a good deal of the weaknesses that were present a few weeks ago. Retail prices in the East have not been changed and the likelihood of a reduction here seems quite remote now. Export activities are mildly active and prices at the U. S. Gulf hold unchanged. The kerosene market is draggy and prices are being shaded. Pennsylvania cylinder oil advanced a half cent per gallon on Thursday.

Market Conditions

Gasoline.—The jobbing demand in the Eastern area of the country has improved considerably over the past week or ten days. Better motoring weather and seasonally broadening consumption has given the market a much better appearance than it had during May. Retail price-cutting in the local metropolitan area was not so prevalent as a week ago. A reduction in crude oil flow and improved market conditions at the Midcontinent are responsible for basic firmness and coupled with broadening consumption, the market should soon be rid of the signs of weakness that were evident two weeks ago. Leading sellers here offer tankcars of U. S. motor, 62-63 octane, at 6¾c. per gallon; U. S. motor, 65 octane, 7c. per gallon; and branded qualities at 7.55c. per gallon. These quotations are f.o.b. refinery. The export market at the U. S. Guf continues unchanged with quotations as follows:—U. S. motor, 5⅝c. per gallon; 60-62, 400 e.p., 5⅜c. per gallon; 60-62, 390 e.p., 5½c. per gallon; and 64-66, 375 e.p., 5⅝c. per gallon.

Kerosene.—Seasonal conditions hold sway in the market at this time. The demands are very light and scattered. Quotations for 41-43 water white material in tankcars continue at 4⅞c. per gallon, f.o.b. refinery. The market is being shaded, however, and 4¾c. per gallon is easily workable. The export market at the U. S. Gulf continued at 3¾c. per gallon for prime white and 4¼c. to 4¼c. per gallon for water white.

Fuel and Gas Oils.—The spot market for furnace oils is very quiet. Marine oils are in fairly good request and prices continue without change at $1.05 per barrel for C grade bunker at the terminals and $1.65 per barrel for Diesel oil, also f.o.b. terminals.

Lubricating Oils.—Cylinder oil prices were advanced ½c. per gallon Thursday by Pennsylvania refiners. Bright stocks and neutrals were firm but the prices did not move upward. Currently quoted prices for Pennsylvania cylinder oils at refineries are as follows:—600, 16c.; 600 flash, 19c.; 630 flash, 23½c.; 635 fire, 17½c.; 650 fire, 18c.; and Warren E, 19½c. per gallon.

Markets at Other Centers

Tulsa, June 4.—A materially increased demand for light oils and lubricants has again stimulated interest in the refined oil markets. This broadening of consumption is also leading to expectations of an early improvement in prices, although quotations still remain at unchanged levels. There is quite a noticeable hardening of the market as instructions for early shipment are being received more readily. There is a report that some of the price making agencies are expected to raise quotations in the coming week. The expectations of higher quotations arise from the fact that the net-back of a barrel of crude has been materially lowered because of the sizable decline in the quotations of burning oils. The easiness in third grade gasoline quotations during the past three weeks has also reduced the gross from this quarter. In the operations of many plants the recession in prices has reduced operating profits 10c. to 15c. a barrel. This amount in many areas is the decisive factor between a non-profitable operation and a profitable routine.

The large reduction in crude oil output is also indicative that the trade is taking seriously the showing of over-production thus far. While the returns do not reflect all of the curtailment as in many parts of the midcontinent the reduction in output did not become effective until June 1, the loss is taken as a gesture of sincerity and that the larger decline should be expected to materialize. A possibe reduction in refinery operations is also looked for.

Despite the large demand the volume of gasoline stocks are moving downward but slowly. The slight progress that has been in liquidating these inventories is still a source of concern to refiners. Ordinarily at this time of the year the withdrawals from storage has aggregated several million barrels but this year it is negligible and several weeks behind the seasonal expectations.

GASOLINE.—Quotations are unchanged but purchases are becoming more difficult at 4⅝c. to 4⅞c. a gallon for the third grade in the resale market. There has been a material shrinkage in the supply of this grade at these prices this week. The concessions to 4½c. per gallon that were available a week ago are disappearing rapidly. There is more firmness in the 63-67 grade, although quotations are also unchanged with prices ranging from 5½c. to 5¾c. in the contract market.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline prices at the refinery points were unchanged and prices at service stations were also unchanged.

	June 5	May 30	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.296	$1.296	$1.162
Gasoline prices at refineries (at four refining centers), per gallon	.0553125	.0553125	.051875
Gasoline prices at serving station (average for ten marketing centers —including tax) per gallon	.1951	.1951	.1883

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 4

POWERFUL - LOW PRICED
JAVOLLAL
An effective substitute for Citronella . .
Imparts a cleaner, finer, more appealing odor in soaps, insecticides, disinfectants and other technical mixtures.
FRITZSCHE Brothers, inc.
216 WEST 8TH STREET LOS ANGELES, CAL
Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG.
76 NINTH AVENUE, NEW YORK, N.Y.
118 WEST OHIO ST. CHICAGO, ILL

Outputs and Quotas

A comparison of suggested crude oil production for May as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended May 30, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	538,300	531,600
Kansas	150,100	155,300
Texas	1,132,500	1,145,750
Louisiana	170,500	233,250
Arkansas	31,000	29,850
Eastern (not including Michigan)	102,900	114,600
Michigan	38,200	32,950
Wyoming	35,600	36,150
Montana	12,900	17,050
Colorado	4,400	4,600
New Mexico	65,900	74,850
California	544,000	568,000
Totals	2,826,300	2,943,950

NATURAL GASOLINE.—There is a very strong undertone with a substantial demand coming from the refinery trade. Jobber buying also continues at a high level and the export demand has also stimulated the market. But the increased trading has not affected quotations which remain the same as last week at 2½c. per gallon for the 26-70 grade in Texas and 2¾c. in Oklahoma.

KEROSENE.—Further softness prevails in the market as the demand has again declined. There is a wide spread between the resale market and the trade as spot shipments are fewer. In the resale market the 41-43 grade has sold for a low of 3⅝c. per gallon while 42-44 ranged from 3¾c. to 3⅞c. In the contract market, however, most prices still remain at 4¼c. to 4⅜c. per gallon.

DISTILLATES.—There is a demand for the 38-40 prime white grade which is substituted in some areas for other burning oils. In the resale market the top grade is available at 3⅜c. to 3½c. while in the contract market it is quoted at 3¾c. per gallon. Gas oil distillate is available at 2½c. per gallon.

FUEL OIL.—Despite large offerings of the heavy grades in the East Texas field there is a better undertone in the Mid-continent market generally as railroads have absorbed a large amount of offerings. The twenty-four-twenty-eight low cold test is quoted 95c. to $1.05 per barrel the same gravities of 15 degrees and above are 80c. to 85c., while grades below 14 degrees are generally 55c. to 65c. per barrel.

LUBRICANTS.—There is also a firmer tone in these products in both the neutral and bright stock grades. Demands and shipments are still at very high level, but quotations are unchanged.

Chicago, June 4.—A considerably better feeling is making itself felt in the tank-car gasoline market, based primarily on the heavy consumption that is being experienced by virtually all sellers. Jobbers are ordering material shipped in a large and steady current. Supplies also seem to have been somewhat curtailed and balance appeared to be once more established. Tankwagon and service station markets are somewhat unsettled, despite expanding rate of business. Kerosene is now quiet and in lesser demand. Heating oil season has passed but material is being stored actively for next winter. Heavy fuel prices are firm, demand continuing fair. Lubricant buying is good, prices strong.

GASOLINE.—Low octane motor, 4¾c. to 5c. per gallon; middle octane motor, 5⅝c. to 5⅝c.; high octane motor, 5⅞c. to 6¼c.; 60-62, 400, 4¾c. to 5c.; 64-66, 375, 4⅞c. to 5c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4¼c. to 4½c.; per gallon; 41-43, water white, 4c. to 4¼c.

FURNACE OILS.—No. 1 white, 3¾c. to 4c. per gallon; No. 1 straw, 3⅜c. to 3½c.; No. 2 straw, 3c. to 3¼c.; No. 2, dark, 2⅞c. to 3c.; 32-36, dark, industrial gas oil, 2⅜c. to 2½c.

FUEL OILS.—No. 3 zero, 2¾c. to 3c. per gallon; No. 4, zero, 95c. to $1 per barrel; No. 5, 70c. to 75c.; No. 6, zero, 62½c. to 67½c.

New Orleans, June 2.—Steadiness continued in the domestic market, with only slight variations in price quotations of recent weeks. Foreign inquiries and exports were both reported good. U. S. motor gasoline was quoted at 6¼c. per gallon at refinery. U. S. motor, below 62 octane, was quoted at 6¼c.; 63-67 octane at 6⅝c. and 68-70 octane at 7¼c.—the foregoing quotations being based on a per gallon rate at refinery.

Kerosene reflected a slight drop in price, being quoted at 6½c. per gallon at refinery.

The demand for Bunker C fuel oil was good at a quoted price of 90c. per barrel at terminal and 95c. per barrel delivered alongside. Industrial plants were quoted on a basis of $1.36 per barrel, delivered.

Standard of New Jersey Offers $75,000,000 Bonds

Offering of $85,000,000 Standard Oil Company of New Jersey 3 percent 25-year debentures has been announced by Morgan Stanley & Co., syndicate managers for the issue. The bonds are priced for subscription at 98, yielding 3.11 percent to maturity. Of the total being issued $30,000,000 is represented in the public offering. The remaining $55,000,000 has been placed privately at the same price with a group of institutional investment organizations, including the Rockefeller Foundation, the Rockefeller Institute for Medical Research, China Medical Board, Inc., Spelman Foundation of New York, and a subsidiary of the Standard of New Jersey.

Fertilizer Men Gather For Twelfth Convention

WHITE SULPHUR SPRINGS, June 5, 1936.

Fertilizer men from all parts of the country are arriving for the twelfth annual convention of the National Fertilizer Association which will be held here June 8 to 10. Charles J. Brand, executive secretary and treasurer of the organization, expects fully 500 representatives of the industry to attend.

Meetings of the executive committee and board of directors of the association will be held June 8. A. D. Strohbar, Savannah, is president, and W. T. Wright, Norfolk, Va., vice-president.

Among the prominent members of the industry who are attending the convention are:—Evan H. Jones, Waterbury, Conn.; P. H. Manire, Marshall, Texas; W. B. Norris, Rushville, Ind.; C. B. Robertson, Norfolk; W. L. Waring, Tampa; H. B. Baylor, Atlanta; Gustavus Ober, jr., Baltimore; A. C. Reed, Savannah; L. W. Rowell, Chicago; L. E. Britton, Boston; J. S. Coale, Camden, N. J.; J. Ross Hanahan, Charleston, S. C.; E. R. Hodgson, jr., Athens, Ga.; Weller Noble, Berkeley, Cal.; O. F. Smith, Norfolk; W. E. Valliant, St. Michaels, Md.; B. H. Brewster, jr., Baltimore; A. L. Ivey, Richmond, Va.; J. A. Miller, Louisville; John J. Watson, New York; L. H. Carter, New York; S. F. Elwood, Columbus, Ohio; A. A. Green, jr., Jackson, Miss.; C. D. Shallenberger, Shreveport, La.; A. D. Strobhar, Savannah; M. C. Taylor, Seattle; Ray B. Trueman, Jacksonville, Fla.; George A. Whiting, Baltimore; C. F. Burroughs, Norfolk; Chester F. Hockley, Baltimore; J. E. Sanford, Atlanta; E. H. Westlake, New York; Charles S. Rauh, Indianapolis; and W. T. Wright, Norfolk.

Elk Hills Case Review Is Refused by Ickes

Secretary of the Interior Ickes May 27 denied the request of the State of California and nine other claimants for a rehearing of the Elk Hills oil case, in which the Federal Government took title last year to $25,000,000 worth of petroleum and gas lands. The ruling stated:—"I have been able to find no reason either to change my prior decision or to grant the motion for a rehearing."

Mr. Ickes' decision upheld the Government's right to the title and control of the valuable area containing thirty-five productive oil wells and four gas wells containing some 22,000,000 barrels of petroleum and vast quantities of natural gas.

The ruling also reaffirmed the Government right to require the ten claimants to account to Federal authorities for more than 5,500,000 barrels of oil and 57,000,000,000 cubic feet of gas already taken from section 36 of Elk Hills within the boundaries of the United States Naval Petroleum Reserve No. 2 in California. The claimants were:—The State of California, the Standard Oil Company, Cal.; Mrs. Sidney H. Greeley, Frank J. Carman, Charles O. Fairbank, Edward L. Doheny, Thomas A. O'Donnell, the Pan-American Petroleum Company, the Valley Natural Gas Company, and the Associated Oil Company.

British P.R.A. Opens Laboratory Extensions

LONDON, May 25, 1936.

Large extensions to the laboratories of the British Paint Research Association, one of the co-operative research organizations supported by the Department of Scientific and Industrial Research, were opened recently in Teddington by Ramsay MacDonald. As Mr. MacDonald observed then when he inspected the premises in company with S. K. Thornley, president of the association, there is very little the laboratory's sixty scientists have not discovered about paint.

One of the duties Mr. MacDonald performed was the unveiling of a tablet to Mrs. E. M. Hinchley, wife of the late Prof. John Hinchley, of the Imperial College of Science and Technology. The tablet is a bronze by Omar Ramsden. The tablet was covered with a cloth of special character. The brilliant monastral blue of the cellulose acetate rayon was not produced by a dye, but by a pigment in the form of solid particles incorporated in the original mixture. Another exhibit was a painted tartan of the Clan MacDonald, specially prepared for Mr. MacDonald's visit.

The extensions include a large reference library, and the increased accommodation has made possible the expansion of an important section of research, that of the application of paint, whereby it is hoped to extend co-operation between the association and manufacturers generally. In the course of a year hundreds of directors of concerns visit the laboratory to see photographs of flakes of paint taken from buildings. The negatives are magnified 1,000 times so as to show to the naked eye the difference between good and bad workmanship. Paint, in fact, is studied at the Teddington laboratories in all climatic conditions between those of tropics and polar regions.

A tour of the laboratory shows a contrast between old and new machinery. In the exhibition of antiquities is a paint grinding mill 160 years old, which was driven by a windmill. This department also has an original letter written by Charles Dickens after his visit to the London White Lead Works about 1868. The firm had taken the author to task over his statements with regard to lead poisoning in "All the Year Round" and "The Uncommercial Traveller." Dickens's reply was on view for the benefit of all the societies which visited the laboratory during the inaugural week.

Several unusual phenomena are a matter of everyday occurrence at the laboratories. Chinese tung oil is solidified by the action of light, and an enterprising member of the staff has made a "wedding cake" of this highly useful product. In one department is an exhibit which would prove a cheap alternative to oak carving. A quantity of vinyl acetate resin was forced into a mould with coloring matter to make an intricate carving which none but the suspicious eye of the expert could detect on close examination.

A new study is the electron diffraction method, in which a stream of electrons, generated at 60,000 volts and travelling at about 3,000,000,000 miles an hour, impinges on a pigment to show adhesive properties. The gloss on paint is measured by an "electric eye." Recent methods of incorporating shellac in oil and water paints open up another new field. Satisfactory Winter painting may soon be an accomplished fact, thanks to exhaustive temperature and drying tests.

O'Connor Heads Western N.Y. Production Club

The Western New York Paint & Varnish Production Club has elected the following officers for the current year:—President C. T. O'Connor, of General Plastics; vice-president, C. J. Blakeney; secretary, W. G. Armstrong, and treasurer, D. Ellis. The first draft of the club paper on laboratory control tests was read by Mr. O'Connor. Mr. Armstrong reported that the proposed by-laws of the federation were apparently satisfactory. The name of A. C. Wendling, one of the founders of the club, was presented for honorary membership.

Ault & Wiborg Expands in London

Ault & Wiborg, Ltd., has purchased a five-acre site near London, Eng., and plans the immediate erection of a factory on a part of the property where it will manufacture inks required by the high-speed photogravure process, according to G. Wellesley, chairman, who said printing of periodicals by this process was developing considerably. The new plant will be in addition to the existing plant at Southfields. Negotiations have been under way with the International Printing Ink Corporation, New York, for the manufacture of its lacquers and metal-decorating products in Great Britain.

Cal. Fair Trade Act Goes Before Supreme Court

WASHINGTON, June 5, 1936.

The Supreme Court of the United States will review the California Fair Trade Act at its next session, as appealed in two cases, Kunsman vs. Max Factor, and the Pep Boys vs. the Pyroil Sales Company. The two cases will be argued together in October.

Beck, Koller Host to Paint Group

Members of the St. Louis Paint and Varnish Production Club and executives were guests of Beck, Koller & Co., at the Meadowbrook Country Club, St. Louis, May 26, with P. L. Swisher, advertising manager; Walter Klug, traveling representative, and John E. Niehaus, local representative, doing the honors for the host. Following an open-air dinner, and a floor show, the guests witnessed the talking picture edition of "By-Gum," showing operations in the Beck, Koller factory and laboratories. George Robbins, president of the club, presided. R. E. Troutman, former president of the club, was presented with a silver cocktail service, on behalf of the club, by J. I. Nairne, his former associate in the Certain-Teed Products Corporation, who is taking up new duties with the Krebs Pigment & Color Corporation.

Flintkote Names Hancock Chairman

Directors of the Flintkote Company have elected John M. Hancock, a partner in Lehman Brothers, chairman of its executive committee. Mr. Hancock, a director of thirteen other industrial and investment companies, is also a member of the advisory committee of the New York Stock Exchange, and serves on three standing committees of the exchange.

Fertilizer Materials

Spot Trade Limited Under Pre-Convention Conditions — Potash and Mineral Nitrogen Prices Are Awaited — Organics Are Quiet — Superphosphate Offered for Next Season

Although the spot market for agricultural chemicals was enveloped by the dullness that usually precedes the N.F.A. convention, buyers evidence a tense interest in the price prospects for next season. A week ago, the booking of nitrogenous material for Summer and Fall shipment supplied the feature. Last week it was the opening of 1936-1937 books for superphosphate that furnished the hub of attention. Makers of super are now booking the run of the pile and guaranteed 16 percent material at prices that are twenty-five cents per ton below the nominal market prices that have prevailed during most of the current season, but the new prices will not represent a reduction to some buyers who were able to purchase advantageously upon the occasion of the heavy competitive selling of last Summer.

Potash salts, mineral ammoniates and ammoniating solutions are marking time while prices for the new season are awaited. A development of the past week, which is worth while watching for its affect upon the nitrogen market was the tension in the currency situation in Holland. Once more, a heavy outflow of gold funds has placed the guilder on the brink of revaluation and while the Dutch government has managed to withstand two or three such crises in the past few years, the sulphate of ammonia picture would be changed materially if the Netherlands abandons gold.

Organic ammoniates passed a quiet week. Nitrogenous material moved onto a little firmer ground after the heavy sales of a week ago, which are now reported as being nearer to 20,000 tons than the 15,000 ton figure reported here a week ago. Fish products were offered more freely after the Senate Finance Committee's action in refusing to accept the Bailey tax proposal as part of the revenue bill. Japanese sardine meal was easier in price, and it was reported from Baltimore that trading in Chesapeake menhaden futures was resumed.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, raw, all grades, Chicago, $1 per ton.
meal, 3 & 50, Chicago, $1 per ton.
Tankage, dom., New York, unground, 5c. per unit-ton.
import, 15c. per unit-ton.

Reduced

Blood, dom., Chicago, 15c. per unit.
Fish scrap, Japanese, $1 per ton.
Superphosphate, Baltimore, 25c. per ton.
Tankage, dom., New York, ground, 5c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
59.0	59.1	59.1	57.5

Market news that may have developed after this report was sent to press will be found on page 2.

Ammoniates

Nitrate of Soda.—As the market holds a position of pre-convention dullness, concern is focused more and more upon the price situation for the coming season. There have been no indications as to when the prices will appear or as to what the position of the market might be.

Sulphate of Ammonia.—Spot purchasers at certain ports are still able to buy in limited quantity at 50c. to $1 per ton less than the scheduled prices at the ports. Offerings from some inland points figure out around $25 to $25.50 per ton at the ports against the schedule posting of $26 per ton. There is virtually no interest in the spot market now and attention is being centered upon the price prospects for the coming season. The foreign market is quiet but a development worth watching is that of the currency situation in the Netherlands. Once more the Dutch currency situation has reached a crisis and bank rates were raised at Amsterdam last week in an effort to check the flow of gold funds out of Holland. Holland has been perilously close to currency revaluation two or three times during the past few years and each time has managed to stave off such an action. If Holland should go off gold, the sulphate picture would be changed materially.

Cyanamid.—There were no new developments in the market for this commodity and the trade awaits the issuance of prices for the new season.

Dried Blood.—Quiet continues to envelope the market. Imported material tended higher in some directions with quotations of $2.75 per unit for prompt shipment from abroad; other sellers continued to name the prices of week ago, viz., $2.60 to $2.65 per unit, basis c.i.f. The Chicago market was easier at $2.75 to $3 per unit against $2.90 to $3 per unit a week ago.

Fish Scrap.—Reports from the Baltimore sector indicate that additional sales of unground scrap were made last week at $2.50 and 10c. per unit-ton, f.o.b. factories, basis when-and-if-made. Fishing operations are still a few weeks off. The offerings from Florida are light as a result of the poor season there and the Carolina boats have been out about ten days with no reports yet as to how the [illegible] are running. Japanese sardine meal was cheaper last week after the Senate Finance committee had refused to accept the Bailey proposal for a tax on imported fish scrap as part of the revenue bill. Offerings of $36 per ton for July shipment from abroad, basis c.i.f. were $1 per ton cheaper than the prices quoted a week ago. There was no change in the California market last week, except for the news that legislative movements are afoot in an effort to regulate the activities of Pacific Coast fishermen who operate oil and scrap factories on vessels outside of the limits of territorial waters and escape jurisdiction of the California Fish and Game Commission.

Nitrogenous Material.—Prices seem a little firmer after the heavy selling of domestic and imported material a week ago, which is now reported as having aggregated nearer to 20,000 tons than the 15,000-ton figure mentioned here last week. Western material, testing 10% to 11%, is now posted at $1.90 per unit for September-December shipment, f.o.b. Wisconsin producing point, with no material offered for Summer shipment. Producers in Illinois quote Summer shipment at $1.85. per unit, f.o.b. producing point. The East Coast market varied from $2 to $2.15 per unit, according to the source. Imported was last sold at $2 per unit for early Fall shipment from abroad, basis c.i.f., and some importers say they can do no better than $2.05 to $2.10 per unit now. The $2.05 price is for Summer and the $2.10 price for Fall shipment.

Tankage.—South American material was higher in price last week and good qualities were posted at $2.90 and 10c. per unit-ton, a rise of 15c. There were reported offerings at $2.70 and 10c., but prime qualities were held for the higher figure. The New York market was in a mixed position. Ground material continued to move in a downward direction with $2.60 and 10c. asked, representing a decline of 5c.; unground moved higher to $2.45 and 10c. per unit-ton, or 5c. higher than the offering price a week ago.

Urea-Ammonia Liquor.—In company with other ammoniating solutions, interest is centered upon the issuance of prices for the coming season. In the meanwhile the market is very quiet.

Potashes

Attention is almost wholly fixed upon the prices for next season. There have been no definite indications as to when the prices will appear, but from some opinions around the market it seems unlikely that new schedules will be issued before the end of this month. Initial prices for the 1935-1936 season were issued on July 8 and two years ago the prices made their bow on July 7. The likely position of prices is unknown albeit many of the observers of the market feel that prices will remain around the levels that prevailed during the early part of this season.

Phosphates

Manufacturers of superphosphates began taking business for the coming season last week. Contracts are being offered at lower market prices than those that prevailed through this season, but in some cases the prices will not be any lower than those paid by buyers who were able to buy advantageously in a few directions last Summer. Bone materials furnished the market for phosphate materials with its other price feature last week when the Chicago market worked upward for the first price movement in several months.

Bone Materials.—Quotations for 3 and 50 meal were raised $1 per ton in Chicago last week with $18 to $19 per ton named as the market; steamed 1¼ and 60 meal was also boosted with $16 to $17 per ton named or an advance of $1 per ton. The price of 4½ and 50 raw bone is subject to a variance of ides in Chicago. Lowest quotations reported last week were at $21 per ton, an advance of $1 over the previous low while some asking prices were as high as $25 per ton.

Superphosphate.—Offerings of contracts for the 1936-1937 season were made last week. Baltimore prices are named at $7.50 per ton for the run of the pile and $8 per ton for guaranteed 16 percent materials, both f.o.b. cars or boat. The usual differential prevails at Carteret. These prices represent a reduction of 25c. per ton from the nominal market prices that have prevailed through most of the season that is now ending, but do not represent reductions to some buyers who were able to purchase advantageously early last Summer.

Sulphur and Pyrites

Responses to queries put to sellers regarding the state of the market are varied. Some report a very good movement of crude sulphur to the acidulators while others indicate that business could show plenty of improvement. Steel fabricators are buying in good style as evidenced by the improved production of sulphate of ammonia. Superphosphate manufacturers are modest buyers, but should show seasonal upturn in manufacturing operations in about six weeks' time. Prices continue at the long-standing basis of $18 per long ton for 1,000-ton lots, f.o.b. mines.

Markets at Other Centers

Atlanta, June 3.—A very quiet market in fertilizer materials in the South exists, with only a light movement of top dressing materials reported. Buying interest in top dressings has been delayed by the long and continued drouth over the eastern cotton belt. The only area visited by rains within the past week is the lower cotton belt. In this area some top dressing business is reported. As soon as rains occur generally over the Eastern cotton belt, and give the belated crop a start in using fertilizers applied at planting, the cotton farmer will be ready to consider buying a top dressing.

At present attention is turning to the annual meeting of the National Fertilizer Association held the coming week at White Sulphur Springs, West Virginia. Dealers in fertilizer materials in the South will be well represented, as usual, but because of the profitless season, there is doubt about a large attendance of manufacturers and mixers.

Quotations of a rather nominal market are as follows:—

SUPERPHOSPHATE.—$10.82 per ton, interior producing points.

NITRATE OF SODA.—$24.50 per ton, bulk, ports.

SULPHATE OF AMMONIA.—Imported materials, $25.50 per ton ports; domestic, $25 per ton, ports.

COTTONSEED MEAL—7 percent grade, $23 per ton, interior mills.

TANKAGE.—Chicago, $2.40 and 10c. per unit; foreign, $2.85 and 10c., ports.

BLOOD.—Chicago, $2.65 per unit; foreign, $2.85 ports.

FISH.—Meal, $2.90 and 10c., ex vessel ports; acidulated, $2.25 and 50, ports.

Baltimore, June 3.—Market conditions in fertilizer materials here are much as they have been. The attention of the trade is centered upon the annual meeting of the National Fertilizer Association. Trading continued at a low level, with quotations about as follows:—

FISH SCRAP.—Perhaps the outstanding development is the fact that one of the companies down the lower Chasapeake Bay sent out a steamer as a test and it is reported that this craft caught about 500,000 fish during the week, which is not regarded as impressive. Several hundred tons additional of unground were sold on a when-and-if-made basis at $2.50 and 10c. per unit-ton down the bay. Spot and nearby stocks of scrap are being offered at $31 to $32 per ton, f.o.b. Southern ports. Domestic fish meal is still obtainable at $41 to $42 per ton, with Japanese sardine meal at $36.50 per ton.

TANKAGE.—The quotations on this material are somewhat easier, at $2.75 and 10c. per unit-ton, c.a.f. basis Baltimore.

BLOOD.—The prevailing figure is around $2.75 per unit, c.a.f. basis Baltimore.

NITRATE OF SODA.—The inactivity general in the crude market also affected trading in this material.

NITROGENOUS MATERIAL.—The easing off elsewhere made itself felt here with the nominal price mentioned around $2 per unit. Sales are estimated to have totaled 20,000 tons.

GARBAGE TANKAGE.—Supplies came into the market in limited volume, with the price around $7.75 per ton, which is about $3 10c. and 50c. per unit-ton, counting the freight.

POTASH.—New prices are looked for at any time, but have so far not made their appearance.

BONE.—With a fair inquiry for the current situation, sellers continue to ask $23 to $24 per ton for 3 and 50 ground steamed bone, and $24 to $25 per ton for 4½ and 50 ground raw.

Chicago, June 4.—Tone is considerably better in at least some sections of the fertilizer materials markets. As a whole, organics seem to be occupying a market position superior to that recently noted. Suppliers are taking a firmer attitude as to price on some of the products. Blood is quite firmly held in most cases. Bone items have been in limited offerings. Tankage shows little change at this time. Most buyers want limited amounts of material, but want it moved out to them promptly because they apparently are carrying only small amounts in their own stocks.

BLOOD.—High grade, ground and unground, $2.75 to $3 per unit of ammonia; unground, suitable for feeding, 10 to 12 percent, extra good, $2.75 to $3 and 10c.; 7 to 9 percent, $3 to $3.25 and 10c.

TANKAGE.—High grade, ground, $2.40 to $2.50 and 10c.; low grade tankage, $15 to $16 per ton, Middle West; liquid stick, $2 to $2.25; hoof meal, $2.40 to $2.50.

BONE MATERIALS.—Ground, steamed bone, 1¼ percent ammonia and 60 percent phosphate, $16 to $17; 3 and 50 percent, $18 to $19; 4½ and 50 percent, $21 to $27; grinding hoofs, pigs' toes and waste horn materials, $18 to $19; junk and hotel kitchen bones, $17 to $18; cattle jaws, skulls and knuckles, $24 to $25; pork cracklings, soft pressed, $37.50 to $45; beef cracklings, soft pressed, $30 to $40; hard pressed cracklings, per unit of protein, 62½c. to 67½c.

San Francisco, June 1.—Business in fertilizers is a limited affair here, with most prices in more or less a nominal position. There has been practically no forward buying, the exception being the occasional trading in forward lots of South American tankage. Fish meals have been moving slowly on the spot, but new season California material is not being seriously considered. Chemicals are dormant. Although some deliveries of domestic and import nitrogen products are still moving against previous contracts, the bulk buying trade is marking time, waiting to hear of something definite in the way of contract prices for the next season. Resale activity among the smaller trade is noticed, but this is having no particular effect on the market as a whole.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $27.50 per ton; 200-pound bags, $26.80 per ton; bulk lots, $25.50 per ton, all ex vessel San Francisco/Oakland.

AMMONIA PHOSPHATE.—Quoted at $38.50 per ton, single bags; $39 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

SULPHATE OF AMMONIA.—Quoted at $29.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles Harbor, and $30.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $31.50.

SUPERPHOSPHATE.—Domestic quoted nominally at 70c. to 75c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 80c. to 85c. per unit. Foreign, 80c. per unit in bags, c.i.f. Pacific Coast.

FISH MEALS.—California sardine meal quoted at $42 per ton, f.o.b. San Francisco, in cars, prompt shipment. Futures, $34. Japanese sardine meal spot, quoted at $34 per ton, with June/July shipment from the Orient at $32.50, c.i.f. Pacific Coast ports.

TANKAGE.—Local packing house tankage, ground, quoted nominally at $2.70 and 10c. per unit-ton, f.o.b. cars, Los Angeles, prompt shipment. San Francisco, $2.55 and 10c. Argentine ground tankage quoted nominally at $2.85 and 10c., c.i.f. Pacific Coast ports. Dry rendered, domestic, ground, quoted at 70c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 60c. per unit.

BONE MEAL.—Domestic steamed bone meal, 1 percent and 70 percent, quoted at $24.50 per ton, delivered Pacific Coast ports. Semi-raw, part steamed, 4½ percent and 50 percent, quoted at $24 per ton, delivered Pacific Coast ports. Raw Argentine meal nominal.

BLOOD MEAL.—Domestic quoted at $2.65 per unit, prompt shipment, f.o.b. cars, Los Angeles, and $2.50 San Francisco. Argentine and New Zealand meal quoted at $2.65, nominally, c.i.f. Pacific Coast.

Petroleum Freights Cancelled

The New York Public Service Commission has approved cancellation of commodity freight rates as follows:—

By the New York Central (East) and West Shore railroads, of commodity rates on petroleum and petroleum products, from various Brooklyn, Long Island City, and New York stations, to Norfolk and Raymondsville, on the Norwood & St. Lawrence railroad, and to Piercefield, Malone, and numerous stations on the St. Lawrence division. Advanced to class rates. Effective June 15.

Richfield Sale Put Off to July 31

Sale of the properties of the Richfield Oil Company of California and the Pan American Petroleum Company, has been postponed from June 1 to July 31. Hearing on the upset prices for the properties was adjourned to July 25.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 4

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Chemicals, Dyes and Lakes Output in 1935

(Continued from page 21)

a group, were 16 percent greater in 1935 by volume and 19 percent by value than in the preceding year. The unit value of sales averaged 53 cents per pound in 1935 as against 51 cents in 1934.

Another gain made by the chemical industry in 1935 was in the production of intermediates, the total of which was 436,811,000 pounds, with sales of 191,055,000 pounds valued at $26,114,000 in 1935.

Practically all intermediates shared individually in the increased production shown for the group in 1935. Synthetic resin, the production of which exceeded 100,000,000 pounds for the first time, reflected the activity in this rapidly developing class of products; resins from tar acids (phenol, cresols, and xylenols) increased to 54,357,000 pounds, or 34 percent more than in 1934; alkyd resins, principally those from phthalic anhydride, increased to 34,123,000 pounds, or by 124 percent.

Among the individual resins, those made from urea increased 21 percent in production, 29 percent in sales volume, and 41 percent in sales value. Urea, in previous years all imported, was produced domestically in commercial quantities for the first time in 1935.

Coal-tar medicinals, as a group, showed increased sales in 1935 of 9 percent by volume and 6 percent by value over the preceding year. Among those participating in the increase are aspirin, arsphenamine, phenobarbital, neoarsphenamine, and phenolphthalein. Medicinals showing decreased sales in 1935 as compared with 1934 are acetanilide U.S.P., benzoic acid U.S.P., cincophen, and sulfoarsphenamine.

Perfume materials of coal-tar origin, on the whole, showed a decline in production of 5 percent in 1935 as compared with 1934. Sales volume declined 1 percent and sales value 2 percent.

Photographic chemicals, another group of finished coal-tar products, continued to increase in 1935 with production and sales 17 percent higher than in 1934.

Among the miscellaneous finished coal-tar products, probably the most important group is that of chemicals for rubber. More than 18 million pounds of rubber chemicals were produced in 1935, as compared with 15 million pounds in 1934. Other chemicals in the miscellaneous group showing increased production are diazo salts, rapidogene colors, synthetic tans, and textile assistants.

In a report on color lakes and toners, data were furnished to the commission by more than 50 makers who reported the production in 1935 of 14,036,231 pounds of lakes and toners and sales of 12,081,885 pounds valued at $8,724,580. Toners or full strength colors accounted for 43.8 percent of the total production and for 42 percent of the volume and 61.5 percent of the value of sales. Lithol toners were the most important tonnage products followed by Para red toners and Toluidine red toners. Production of phosphotungstic acid toners totaled 336,845 pounds.

The output of lakes and extended colors accounted for 44.7 percent of the total and for 46.4 percent of the volume and 33.6 percent of the value of sales. Peacock blue lakes were produced in greatest volume followed by Scarlet 2R lakes and Persian orange lakes.

Reduced toners were the smallest group in volume of production and sales. Reduced Para red toners, reduced Toluidine red toners and reduced lithol toners accounted for 84 percent of the output and volume of sales and 73 percent of the value of sales of all reduced toners.

Certain-teed to Recapitalize

A recapitalization plan designed to eliminate the present consolidated deficit of Certain-teed Products Corporation, is to be voted on by the stockholders of the company at a meeting in Baltimore June 24. The purpose of the plan is to create a new prior preference stock ranking above the present 7 percent preferred shares and entitled to cumulative dividends at the rate of 6 percent annually from July 1, with no sinking fund provision, and to reduce the capital represented by the present common stock from $5,734,500 by changing the no-par shares into $1 par value shares. This would, it is said, eliminate a deficit of $1,167,847, that existed December 31, 1935.

Perilla Oil Production Increased in Manchuria

During the past three years, on account of the expansion in demand for perilla oil, perilla seed has become one of the most important crops of Manchuria. In the past Spring about one-half million acres were sown to perilla in the country, and the yield from the crop this year is expected to reach between 300,000,000 and 360,000,000 pounds, according to information received by the Department of Commerce from the consul-general at Shanghai. Practically the entire crop is milled in Dairen and in Japan proper, but the first perilla oil mill in Manchuria will be erected shortly.

Information indicates that almost all the perilla oil milled in Dairen and Japan goes to the United States. United States imports of perilla oil have risen sharply in recent years, particularly in 1935 and during the current year.

About 72,000,000 pounds of perilla oil was imported into the United States last year, in contrast with 25,000,000 pounds in 1934 and only 9,000,000 pounds in 1930. Moreover, for the first quarter of this year imports exceeded 30,000,000 pounds, against 11,000,000 pounds in the first three months of 1935.

B. J. Cassaday, secretary of the commercial department of the Pittsburgh Plate Glass Company, has been re-elected a director of the Pittsburgh Chamber of Commerce.

Imports, Exports, and Charters

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New York Imports

ACID, COALTAR — 8 dms, Merck & Co, Cavallo, Hull
CRESYLIC—60 dms, American Cyanamid & Chem Co, Waukegan, Middlesbrough
47 dms, T G Cooper & Co, Waukegan, Middlesbrough
50 dms, Waukegan, Liverpool
50 dms, American Cyanamid & Chem Co, Laconia, Liverpool
47 dms, Merck & Co, Cavallo, Hull
LINSEED OIL—100 bbls, Woburn Degreasing Co, Black Gull, Antwerp
STEARIC—2 bgs, Yardley & Co, American Farmer, London
TARTARIC—45 bbls, Koenigstein, Antwerp
ADEPS LANAE—100 bbls, 10 tons, 16 cwt, 1 qtr, 16 lbs, C Tennant Sons & Co, Laconia, Liverpool
ALBUMEN, EGG, HEN—10 cs, D L Moss & Co, Norfolk, Shanghai
ALMOND MEAL — 5 kegs, Ungerer & Co, Queen Mary, Southampton
ALOE—250 cs, Selma Mercantile Corp, Astrea, Curacao
200 cs, S B Penick & Co, Astrea, Curacao
ALUMINUM LEAF—67 cs, Globe Shipping Co, Hamburg, Hamburg
64 cs, Rohner, Gehrig & Co, Hamburg, Hamburg
39 cs, Paris, Havre
143 cs, Globe Shipping Co, St Louis, Bremen
AMMONIA, BROMIDE—10 bbls, 2,376 lbs, D C Andrews & Co, Hamburg, Hamburg
PHOSPHATE, DIBASIC—300 bgs, 67,650 lbs, Synthetic Nitrogen Product Co, Hamburg, Hamburg
ANGELICA ROOT — 1 cs, W & A Gilbey, American Farmer, London
ANISE—25 bgs, Peek & Velsor, Magallanes, Malaga
100 bgs, Levy & Levis Co, Magallanes, Malaga
ANTIMONY—250 bgs, Chase National Bank, Siboney, Vera Cruz
ARSENIC—288 bbls, American Smelting & Refg Co, Agwistar, Tampico
WHITE—105 dms, 59,004 lbs, African Metal Corp, Black Gull, Antwerp
ARTISTS MATERIAL—5 cs, Gallagher & Ascher, Black Condor, Rotterdam
ASPARAGUS ROOT—50 bls, Estrella, Marseilles
ASPHALT—1 car, 340 bgs, A V Berner & Co, Seatrain, New York, Havana
MINERAL—318 bgs, Central Com'l Co, Seatrain, New York, Havana
BALSAM—5 cs, Geo Uhe & Co, Quirigua, Cristobal
20 cs, Dodge & Olcott Co, Quirigua, Cristobal
5 cs, Geo Luecders & Co, Santa Paula, La Libertad
BAUXITE RESIDUE—200 bgs, J Lee Smith & Co, Waukegan, Leith
BARYTES—600 bgs, 66,000 lbs, Whittaker, Clark & Daniels, Navemar, Genoa
BLACK BONE—1 cs, 277 lbs, Robinson, Wagner Co, Black Gull, Antwerp
BLEACHER'S TINT—5 bbls, 1 ton, 2 cwt, 2 qtrs, A De Ronde & Co, Laconia, Liverpool
BONE ASH—14 cks, 2 tons, 4 cwt, 1 qtr, C B Chrystal & Co, Cavalla, Hull
PHOSPHATE PRECIP—270 bgs, 60,944 lbs, Acme Milling Co, Black Gull, Antwerp
BRISTLES—12 cs, Globe Shipping Co, Hamburg, Hamburg
2 cs, M Broverman & Son, American Farmer, London
100 cs, Philadelphia Natl Bank, Norfolk, Shanghai
4 cs, F H Cone & Co, Norfolk, Kobe
24 cs, F W Van Stade, Norfolk, Kobe
108 cs, F H Cone & Co, Norfolk, Shanghai
7 bbls, Draeger Shipping Co, Norfolk, Cliffwood, Gdynia
20 cs, Chase National Bank, Cliffwood, Gdynia
BRONZE POWDER—7 cs, G W Sheldon & Co, Hamburg, Hamburg
BUCHU LEAVES—25 bls, C L Huisking & Co, Cavallo, Hull
CADMIUM—67 cs, 7,075 lbs, African Metal Corp, Black Gull, Antwerp
CALCIUM TARTRATE—182 bgs, Navemar, Alicante, Farragona
292 bgs, Charles Pfizer & Co, Navemar, Tarragona
188 bgs, Harshaw Chem Co, Navemar, Tarragona
CAMPHOR, REFINED—170 cs, Titsui & Co, Getsuyo, Kobe
CANARY SEED—499 bgs, A G Dunn, Southern Cross, Buenos Aires
390 bgs, National City Bank, Southern Cross, Buenos Aires
CASEIN—450 bgs, Schodack, Havre
333 bgs, American Cyanamid & Chemical Co, Paris, Havre
334 bgs, Swift & Co, Southern Cross, Buenos Aires
CASHEW SHELL, LIQUID—90 dms, President Hayes, Mangalove
CASSIA, VERA—254 pkgs, C T Wilson & Co, Ruby Castle, Padang
CASTOR BEANS—1,705 bgs, Baker Castor Oil Co, Lages, Rio Janeiro
3,868 bgs, Lages, Bahia
4,110 bgs, Clydebank, Cocanada
CELERY SEED—10 bgs, Estrella, Marseilles
30 bgs, President Hayes, Marseilles
CHALK, BLOCK—2,266,393 kilos, Taintor Trading Co, Schodack, Dunkirk
CRAYONS—1 cs, Devoe & Reynolds, Hamburg, Hamburg
PRECIPITATED—225 bgs, 19 tons, 11 cwt, 2 qrts, 2 lbs, H J Baker & Bros, Laconia, Liverpool
750 bgs, 75 tons, 16 cwt, 2 qrts, 27 lbs, Colgate-Palmolive-Peet Co, Cavallo, Hull
CHARCOAL, ANIMAL—15 cks, Robinson, Wagner Co, Black Gull, Antwerp
CHEMICALS—100 cks, 48,400 lbs, Hamburg, Hamburg
1 cs, American Cyanamid & Chemical Co, Hamburg, Hamburg
2 cs, P C Kuyper & Co, Hamburg, Hamburg
375 bgs, 44,033 lbs, Hamburg, Hamburg
14 cks, 125 carboys, Advance Solvents & Chem Co, Hamburg, Hamburg
32 cs, 4,591 lbs, Hamburg, Hamburg
5 cs, 20 kgs, Hamburg, Hamburg
5 cs, Phoenix Shipping Co, Hamburg, Hamburg
5 bbls, 1,375 lbs, Jungmann & Co, Minnequa, Gdynia
7 cs, Santa Lucia, Valparaiso
2 cs, Berlos Co, Paris, Havre
36 cs, E Fougera & Co, Paris, Havre
4 cs, Ciba Co, Paris, Havre
1 ck, Lo Curto & Funk, Paris, Havre
8 pkgs, G Silver Import Co, Paris, Havre
17 balloons, 2 bbls, St Louis, Hamburg
2 cs, 17 bbls, St Louis, Hamburg
10 cks, Stanley, Doggett, St Louis, Bremen
6 cks, St Louis, Bremen

CHEMICALS—7 cks, Lo Curto & Funk, American Farmer, London
400 bgs, President Hayes, Genoa
25 cks, 84 demj, Cuno Sievers, Black Condor, Rotterdam
6 cks, Advance Solvents & Chem Co, Black Condor, Rotterdam
26 cks, G T Jenkesson, Black Condor, Rotterdam
20 carboys, 12 dms, Black Condor, Rotterdam
4 cks, Royal Bank of Canada, Black Condor, Rotterdam
CHINA CLAY—500 bgs, 55,594 lbs, Jos Dixon, Crucible Co, Hamburg, Hamburg
CHROME, ALUM—5 cks, Koenigstein, Antwerp
CLAY, BURNT—400 bgs, Guy C Foster, Laconia, Liverpool
CLOVER TOPS—18 bls, J L Hopkins & Co, Battory, Gdynia
CLOVES—1,215 bls, President Hayes, Sainte Marie
COALTAR INTERMEDIATES—7 cs, General Dyestuff Corp, Hamburg, Hamburg
COATING POWDER—58 bgs, Isaacs Voight & Co, Hamburg, Hamburg
COBALT METAL—1 cs, 118 lbs, Central Trading Corp, Black Gull, Antwerp
COCOA BEANS—500 bgs, Fruit Despatch Co, Quirigua, Port Limon
95 bgs, Fruit Despatch Co, Quirigua, Cristobal
700 bgs, Curacao Trading Co, Coamo, Trujillo City
6,160 bgs, Balfour, Guthrie & Co, New Texas, Lagos
1,420 bgs, Balfour, Guthrie & Co, New Texas, Apapa
500 bgs, Balfour, Guthrie & Co, New Texas, Accra
371 bgs, Transmarine Mercantile Corp, Pastores, Cape Haitien
129 bgs, W & A Leaman, Pastores, Cape Haitien
250 bgs, W R Grace & Co, Santa Lucia, Guayaquil
56 bgs, Astrea, Curacao
27 bgs, Schutte & Focke, Astrea, Curacao
500 bgs, Astrea, Porto Cabello
700 bgs, Wessel, Duval & Co, Astrea, Porto Cabello
77 bgs, Lopez & Mangual, Carabobo, Maracaibo
230 bgs, Machado & Co, Carabobo, La Guayra
100 bgs, Royal Bank of Canada, Ponce, Puerto Plata
250 bgs, Carr Bros, Ponce, Puerto Plata
750 bgs, Machado & Co, Ponce, Puerto Plata
630 bgs, Gillespie & Co, Ponce, Sanchez
2,820 bgs, Curacao Trading Co, Ponce, Sanchez
650 bgs, W R Grace & Co, Southern Cross, Trinidad
COCONUTS—58 bgs, 5,800 lbs, J L Toledano Corp, Coamo, San Juan
6 bgs, 600 lbs, Tomett Novelty Co, Coamo, San Juan
132 bgs, 13,200 lbs, Simon & French, Coame, San Juan
26 bgs, 2,600 lbs, P R Express Co, Coamo, San Juan
185 bgs, 18,500 lbs, Franklin Baker Co, Emilia, Mayaguez
16 bgs, 1,600 lbs, E Trucco, Emilia, Mayaguez
267 bgs, 26,700 lbs, Universal Import & Export Co, Emilia, Mayaguez
44 bgs, 4,400 lbs, J Simons & Co, Emilia, Mayaguez
309 bgs, 30,900 lbs, Emilia, Mayaguez
702 bgs, 70,200 lbs, Franklin Baker Co, Emilia, San Juan
66 bgs, 6,600 lbs, Emilia, San Juan
750 bgs, 75,000 lbs, Franklin Baker Co, Pastores, Cristobal
1,205 bgs, 120,500 lbs, Franklin Baker Co, Pastores, Kingston
817 bgs, 81,700 lbs, I L Toledano Corp, Guayaquil, Cristobal
30 bgs, 3,000 lbs, W I Produce Corp, Ponce, Sanchez
COCONUT, DESIC—200 cs, J H Vavasseur & Co, Clydebank, Colombo
94 cs, Dodwell & Co, President Hayes, Manila
681 cs, Dodwell & Co, Raby Castle, Manila
COLORS—6 bbls, 1 cs, 1,432 lbs, A Hurst & Co, Hamburg, Hamburg
6 cks, Reichard-Coulston, Paris, Havre
ARTISTS—3 cs, Artist Brush Color Co, American Farmer, London
CERAMIC—2 cs, B F Drakenfeld & Co, American Importer, Liverpool
CORIANDER SEED—2 cs, W & A Gelbey, American Farmer, London
CORK—60 bls, Kramer & Hauser, Navemar, San Felin de Guxola
72 bls, Armstrong Cork Co, Navemar, San Felin de Guxola
WASTE—876 bls, Crown Cork & Seal Co, Navemar, Lisbon
300 bls, L Mundet & Sons, Estrella, Lisbon
110 bls, Johnson Turner Trading Co, Estrella, Lisbon
WOOD—3,727 bls, Crown Cork & Seal Co, Navemar, Lisbon
661 bls, Wicander & Co, Navemar, Lisbon
550 bls, Johnson Turner Trading Co, Estrella, Lisbon
CRESOL, SOLID—3 kgs, Monsanto Chem Co, American Importer, Liverpool
CUBEBS—32 bgs, President Hayes, Singapore
DERRIS ROOT—32 bls, Dodwell & Co, President Hayes, Manila
DOGWOOD BARK—15 bgs, Peek & Velsor, Pastores, Kingston
DUTCH METAL—12 cs, 5,363 lbs, Bladiac, Black Gull, Antwerp
DYES, ANILIN—2 cks, 1 pkg, General Dyestuff Corp, Hamburg, Hamburg
8 kgs, L & R Organic Prod Co, American Importer, Manchester
20 pkgs, Sandoz Chem Works, Paris, Havre
49 cks, Geigy Co, Paris, Havre
44 cks, Ciba Co, Paris, Havre
10 cks, Carbic Color & Chem Co, Paris, Havre
2 pkgs, General Dyestuff Corp, St Louis, Bremen
7 dms, Koenigstein, Antwerp
EGG, YOLK—77 cs, D L Moss & Co, Norfolk, Shanghai
112 cs, Henningsen Bros, Norfolk, Shanghai
EPSOM SALT—150 bgs, 33,000 lbs, Innis, Speiden & Co, St Louis, Bremen
50 bgs, 11,000 lbs, E M Sergeant Pulp & Chem Co, St Louis, Bremen
150 bgs, 33,000 lbs, St Louis, Bremen
300 bgs, 66,000 lbs, St Louis, Bremen
ERGOT—24 bgs, 3,273 lbs, S B Penick & Co, Navemar, Lisbon
42 bgs, Paris, Havre
FILTER PAPER—10 bls, 2 cs, H Reeve Angel & Co, Queen Mary, Southampton
16 cs, H Reeve Angel & Co, American Farmer, London
FLAXSEED—1,602 tons, 64,080 bu, L Dreyfus & Co, Adderstone, La Plata
9,517 tons, 380,680 bu, L Dreyfus & Co, Adderstone, Rosario

FLAXSEED—108 bgs, 237 bu, National City Bank, Southern Cross, Buenos Aires
5,091 bgs, 11,200 bu, Bunge North American Grain Co, Roland, Buenos Aires
FLEASEED—45 bgs, Estrella, Marseilles
70 bgs, J L Hopkins & Co, President Hayes, Bombay
67 bgs, Peek & Velsor, President Hayes, Bombay
200 bgs, R J Prentiss & Co, President Hayes, Bombay
299 bgs, President Hayes, Bombay
50 bgs, President Hayes, Marseilles
FULLER'S EARTH—250 bgs, L A Salomon & Bros, American Farmer, London
GAMBIER—100 cs, New York Trust Co, Javanese Prince, Singapore
GELATIN—100 bls, International Selling Corp, Paris, Havre
4 cs, Rex & Reynolds, President Hayes, Marseilles
360 pkgs, R McLellan, Black Condor, Rotterdam
GINGER ROOT—100 bgs, W & A Leaman, New Texas, Port Harcourt
100 bgs, G B Ollivant & Co, New Texas, Port Harcourt
240 bgs, Barclay Bank, New Texas, Freetown
66 bgs, Barclay Bank, Calamares, Kingston
GLASS, SHEET—16 cs, Leo Popper & Sons, Hamburg, Hamburg
WINDOW—10 cs, Semon, Bache & Co, Black Gull, Antwerp
21 cs, Leo Popper & Son, Laconia, Liverpool
43 cs, Koenigstein, Antwerp
GLUE—200 bgs, Dingelstedt & Co, Black Condor, Rotterdam
80 bgs, National Adhesive Corp, Hamburg, Hamburg
140 bgs, T M Duche & Sons, Queen Mary, Southampton
20 bgs, G A Hemmel, Laconia, Liverpool
100 bge, 1 cs, International Selling Corp, Koenigstein, Antwerp
42 bbls, T M Duche & Sons, Koenigstein, Antwerp
BONE—200 bgs, 22,000 lbs, Hamburg, Hamburg
FISH LIQ — 25 cs, E T Sullebarger Co, Transylvania, Glasgow
GLYCERIN — 81 dms, 91,835 lbs, Hamburg, Hamburg
1 tankcar, Colgate-Palmolive-Peet Co, Seatrain New York, Havana
28 dms, Southern Cross, Buenos Aires
37 dms, Poland, Buenos Aires
60 dms, Armour & Co, Cavallo, Hull
GRAPHITE—320 bgs, St Louis, Hamburg
1,876 bgs, Asbury Graphite Mills, President Hayes, Tamatave
500 bgs, Asbury Graphite Mills, President Hayes, Colombo
AMORPHOUS—353 bgs, J F Starkey & Co, Getsuyo, Moji
GREASE, WOOL—27 dms, 5 tons, 3 cwts, 1 qtr, 13 lbs, American Cyanamid & Chem Co, American Importer, Manchester
25 dms, 4 tons, 13 cwts, 1 qtr, 21 lbs, E Dewitt Osborn, American Importer, Manchester
25 dms, 50 bbls, 11 tons, 18 cwts, 1 qtr, 1 lb, Robinson, Wagner Co, American Importer, Manchester
40 dms, 8 tons, 9 cwts, 3 lbs, American Importer, Manchester
64 dms, 13 tons, 1 cwt, 1 qtr, 8 lbs, Hummel Chem Co, Laconia, Liverpool
GUM—60 bgs, H Firman, American Farmer, London
ARABIC—150 bgs, American Cyanamid & Chem Co, Clydebank, Port Sudan
350 bgs, Innis, Speiden & Co, Clydebank, Port Sudan
50 bgs, J L Hopkins & Co, Clydebank, Port Sudan
150 bgs, E E Marks & Co, Clydebank, Port Sudan
150 bgs, Jacques, Wolf & Co, Clydebank, Port Sudan
CHICLE—47 bgs, Banco Natl de Mexico, Siboney, Vera Cruz
COPAL—300 bgs, O G Innes Corp, Black Gull, Antwerp
25 bgs, G W S Patterson & Co, American Farmer, London
12 bgs, Karr, Ellis & Co, Laconia, Liverpool
38 baskets, S Winterbourne & Co, Javanese Prince, Macassar
DAMMAR—210 bgs, American Cyanamid & Chem Co, Javanese Prince, Singapore
70 bgs, Gillespie-Rogers-Pyatt Co, Javanese Prince, Singapore
210 bgs, Stroock & Wittenberg, Javanese Prince, Singapore
50 cs, Manufacturers Trust Co, Javanese Prince, Singapore
100 bgs, 100 cs, Sino Java Handel, Javanese Prince, Batavia
200 cs, American Cyanamid & Chem Co, Javanese Prince, Batavia
75 cs, O G Innes Corp, Javanese Prince, Batavia
210 bgs, Van Norden & Co, Javanese Prince, Macassar
192 bgs, American Cyanamid & Chem Co, Javanese Prince, Macassar
498 bgs, Chase Natl Bank, President Hayes, Singapore
400 bgs, 200 cs, Thurston & Braidich, Raby Castle, Batavia
210 bgs, American Cyanamid & Chem Co, Raby Castle, Singapore
50 cs, France, Campbell & Darling, Raby Castle, Singapore
630 bgs, 50 cs, Stroock & Wittenberg, Raby Castle, Singapore
70 bgs, G W S Patterson & Co, Raby Castle, Singapore
210 bgs, Chase Natl Bank, Raby Castle, Singapore
GHATTI—23 bgs, S B Penick & Co, President Hayes, Bombay
114 bgs, French American Banking Corp, President Hayes, Bombay
INDUSTRIAL—200 bgs, President Hayes, Marseilles
KARAYA—306 bgs, S B Penick & Co, President Hayes, Bombay
128 bgs, Innis, Speiden & Co, President Hayes, Bombay
OLEBANUM—40 cs, Clydebank, Aden
42 bgs, President Hayes, Bombay
SHIRAZ—280 bgs, Richard Works, President Hayes, Bombay
TRAGACANTH—20 bgs, E Meer & Co, American Farmer, London
80 bgs, Paul A Dunkel & Co, President Hayes, Bushire
70 bgs, E Meer & Co, President Hayes, Bombay
112 bgs, Frank Vliet Co, President Hayes, Bombay
HENNA LEAVES—120 bgs, J L Hopkins & Co, Clydebank, Suez
HOPS—13 bls, S S Steiner, Hamburg, Hamburg
62 bls, R F Downing & Co, Hamburg, Hamburg
10 bls, Otto Seidanburg, Hamburg, Hamburg

HOPS—4 bls, F B Vandegrift & Co, Black Gull, Antwerp
5 bls, P H Petry & Co, Black Gull, Antwerp
IPECAC ROOT — 11 bgs, Sharp & Dohme, Guayaquil, Central American ports
IRISH MOSS—10 bls, Peek & Velsor, Paris, Havre
IRON, ORE—315 bgs, 113 dms, Reichard-Coulston, Laconia, Liverpool
OXIDE—1 keg, 12 cks, J A McNulty, American Importer, Liverpool
400 bgs, 44,000 lbs, Reichard-Coulston, Navemar, Malaga
330 bbls, 244,200 lbs, C K Williams & Co, Navemar, Malaga
58 cks, J Lee Smith & Co, Waukegan, Hull
250 bbls, Reichard-Coulston, Estrella, Malaga
50 bbls, Stanley Doggett, Estrella, Malaga
50 bbls, Hummel Chem Co, Estrella, Malaga
7 kgs, 9 cwt, 2 qtrs, 7 lbs, J H Rhodes & Co, Laconia, Liverpool
JUNIPER BERRIES—3 cs, W & A Gilbey, American Farmer, London
LEAD NITRATE—17 cks, 11,477 lbs, Robinson-Wagner Co, Hamburg, Hamburg
LEAVES, MEDICINAL—3 bls, R D Hines, Hamburg, Hamburg
LICORICE PASTE—376 cs, Tur Hermanos, Estrella, Tarragona
ROLLS—3 cs, 792 lbs, American Express Co, Minnequa, Copenhagen
MAGNESIA, CALCINED — 10 cs, Schofield-Donald Co, American Importer, Liverpool
CARBONATE—25 cks, Schofield-Donald Co, American Importer, Liverpool
100 bgs, Innis, Speiden & Co, American Importer, Liverpool
MANGROVE BARK EXTRACT—2,000 bgs, Javanese Prince, Singapore
4,257 bgs, Philippine Cutch Corp, President Hayes, Manila
2,000 bgs, Rhexenor, Singapore
METAL, LEAF—3 cs, Phoenix Shipping Co, Hamburg, Hamburg
METHYLENECHLORIDE—20 dms, Advance Solvents & Chem Co, Koenigstein, Antwerp
MICA—226 cs, Gillespie, Rogers, Pyatt Co, Clydebank, Calcutta
5 cs, Philadelphia Natl Bank, Clydebank, Calcutta
93 cs, Clydebank, Calcutta
67 cs, Otto Gerdan Co, Southern Cross, Rio Janeiro
49 cs, Corn Exchange Bank Trust Co, Southern Cross, Rio Janeiro
BLOCKS—5 cs, Philadelphia Natl Bank, Clydebank, Calcutta
63 cs, Clydebank, Calcutta
1 cs, Javanese Prince, Colombo
SPLITTINGS—80 cs, Mica Insulator Co, Clydebank, Calcutta
51 cs, Philadelphia Natl Bank, Clydebank, Calcutta
26 cs, General Electric Co, Clydebank, Calcutta
350 cs, Clydebank, Calcutta
MINERAL, WHITE—500 bgs, 25 tons, Hammill & Gillespie, Cavallo, Hull
400 bgs, 20 tons, Whittaker, Clark & Daniels, Cavallo, Hull
MUSTARD SEED—80 bgs, McCormick & Co, Queen Mary, Southampton
MYROBALANS—400 bgs, Guaranty Trust Co, President Hayes, Bombay
EXTRACT POWD—500 bgs, International Product Corp, Waukegan, Hull
700 bgs, International Product Corp, Cavallo, Hull
NAPHTHALENE—392 bgs, 80,581 lbs, Bladiac, Black Gull, Antwerp
1,000 bgs, Associated Metal & Mineral Corp, Black Condor, Rotterdam
NUX VOMICA—160 bgs, Clydebank, Cocanada
200 pockets, Volkart Bros, Rhexenor, Cochin
OCHER—65 bbls, J H Furman, Estrella, Marseilles
OIL—125 dms, Atlantic Refining Co, Schodack, Havre
84 dms, Mitsubishi Shoji Kaisha, Norfolk, Yokohama
ALMOND—12 cs, Ungerer & Co, Queen Mary, Southampton
2 cs, American Farmer, London
BAY—5 cs, Ungerer & Co, Coamo, San Juan
5 cs, J Steengrafe, Emilia, Arroyo
CANANGA—1 dm, Javanese Prince, Batavia
CINNAMON LEAF—4 dms, Chase Natl Bank, Rhexenor, Colombo
CITRONELLA—8 dms, Sino Java Hand, Javanese Prince, Batavia
2 dms, Volkart Bros, Rhexenor, Colombo
10 dms, Bank of Manhattan, Rhexenor, Colombo
20 dms, Brown Bros, Harriman Co, Rhexenor, Colombo
CLOVE LEAF—8 dms, President Hayes, Sainte Marie
COCONUT—290 tons, Philippine Refg Corp, Javanese Prince, Manila
6 cs, I L Toledano Corp, Calamares, Kingston
COD—100 dms, Brown Bros, Harriman Co, Hamburg, Hamburg
200 dms, I R Brady & Co, Getsuyo, Yokohama
5 dms, St Louis, Hamburg
CODLIVER—100 dms, National Oil Prod Co, Hamburg, Hamburg
1 cs, Premier Peatmoss Co, Minnequia, Copenhagen
230 dms, Consumers Import Co, Norfolk, Yokohama
127 dms, Cavallo, Aberdeen
CORN—180 dms, Corn Product Refg Co, Black Gull, Antwerp
325 dms, American Farmer, London
117 dms, Corn Product Refg Co, Norfolk, Kobe
50 dms, I R Brady & Co, Black Condor, Rotterdam
COTTONSEED—1,170,000 kilos, Southern Cross, Santos
CRUDE—80 dms, Hensel Bruckman & Lobacher, Hamburg, Hamburg
ESSENTIAL—1 cs, Hamburg, Hamburg
1 dm, Navemar, Malaga
40 cs, Paris, Havre
1 cs, American Farmer, London
27 pkgs, President Hayes, Marseilles
EUCALYPTUS—11 dms, 40 cs, McCoy Sales Co, Canadian Conqueror, Melbourne
FUEL—100,000 bbls, Standard Oil Co of N J, E M Clarke, Aruba
53,000 bbls, Anglo Mexican Petroleum Corp, San Ubaldo, Tampico
110,000 bbls, Standard Oil Co of N J, J A Mowenckel
LEMONGRASS—4 dms, Volkart Bus, Rhexenor, Cochin
LIME—2 cs, Geo Luecders & Co, Santa Paula, Masatlan
6 cs, American Farmer, London
LUBRICATING—30 cs, Argentine Oil Fields, Southern Cross, Buenos Aires

OIL, MINERAL—15 dms, 6,949 lbs, Heemsoth, Pinckers & Kerner, Hamburg, Hamburg
150 dms, 69,814 lbs, Hamburg, Hamburg
OLIVE—50 dms, 20 cs, Magallanes, Barcelona
50 dms, Banca Coml Italian Trust Co, Magallanes, Barcelona
100 dms, Public Natl Bank Trust Co, Magallanes, Tarragona
50 dms, Lekas & Drivas, Magallanes, Tarragona
10 dms, Bank of Manhattan, Magallanes, Malaga
35 dms, D A Sassa & Co, Magallanes, Malaga
15 dms, Venice Import Co, Magallanes, Malaga
20 dms, National City Bank, Magallanes, Malaga
100 dms, Natl Shawmut Bank, Magallanes, Malaga
100 dms, Banca Coml Italian Trust Co, Magallanes, Malaga
50 dms, R W Delapana & Co, Magallanes, Malaga
115 dms, 1,170 cs, Magallanes, Malaga
500 dms, Leghorn Trading Co, Magallanes, Seville
75 dms, Daligiannis Bros, Magallanes, Seville
25 dms, Q Haber, Magallanes, Seville
100 dms, Lekas & Drivas, Magallanes, Seville
50 dms, John Alban & Co, Magallanes, Seville
50 dms, Atlantic & Pacific Tea Co, Magallanes, Seville
10 dms, McKesson & Robbins, Magallanes, Seville
2,987 cs, 140 dms, Magallanes, Seville
25 cs, Navemar, Genoa
1,585 cs, Navemar, Liorna
100 dms, Leghorn Trading Co, Navemar, Malaga
160 dms, Banca Coml Italian Trust Co, Navemar, Seville
175 cs, Navemar, Seville
250 cs, Navemar, Lisbon
100 dms, Lekas & Drivas, Navemar, Tarragona
35 dms, Navemar, Tarragona
80 cs, Estrella, Lisbon
50 dms, Estrella, Seville
100 dms, Central Hanover Bank Trust Co, Estrella, Malaga
300 dms, Banco di Napoli Trust Co, Estrella, Malaga
25 dms, Estrella, Malaga
15 dms, Central Hanover Bank Trust Co, Estrella, Tarragona
30 dms, Banco Coml Italian Trust Co, Estrella, Tarragona
20 bbls, Estrella, Barcelona
10 bbls, C E Richard & Co, Estrella, Nice
100 cs, Estrella, Marseilles
1,370 cs, President Hayes, Genoa
50 cs, President Hayes, Marseilles
100 dms, Atlantic & Pacific Tea Co, President Hayes, Marseilles
110 cs, 10 dms, President Hayes, Marseilles
ORANGE—4 cs, Pastores, Kingston
1 cs, President Hayes, Port Said
PALM—124 cks, Balfour, Guthrie & Co, New Texas, Abomema
111 dms, Black Gull, Antwerp
PERILLA—1,000 tons, Mitsui & Co, Getsuyo, Dairen
150 dms, Otto Sales Co, Getsuyo, Kobe
RESIDUE—60 dms, J J Gavin & Co, Waukegan, Hull
108 dms, S K Ketler, Cavallo, Hull
ROSEMARY—12 dms, Norda Essential Oil & Chem Co, Navemar, Alicante
4 dms, Navemar, Alicante
VEGETABLE—6 bbls, Estrella, Barcelona
ORRISROOT—2 cs, W & A Gilbey, American Trader, London
OXALYLCHLORIDE—1 cs, General Aniline Works, Black Condor, Rotterdam
PAPAIN—40 cs, Central Hanover Bank Trust Co, American Farmer, London
16 cs, Clydebank, Colombo
20 cs, S B Penick & Co, President Hayes, Colombo
PAPRIKA—80 bgs, J Raphael & Son, Magallanes, Alicante
10 bgs, Larkin & Co, Magallanes, Alicante
100 bgs, P H Petry & Co, Magallanes, Alicante
25 cs, Albert Ehlers, Magallanes, Alicante
50 bgs, J E Bernard & Co, Magallanes, Alicante
25 cs, 75 bgs, Durkee Famous Foods, Magallanes, Alicante
50 bgs, Levy & Levis, Magallanes, Alicante
250 bgs, 50 cs, Bank of N Y Trust Co, Magallanes, Alicante
183 cs, 305 bgs, Magallanes, Alicante
205 cs, 650 bgs, Navemar, Alicante
15 bgs, Empire Spice Mills, Navemar, Alicante
20 bgs, 16 cs, Briones & Co, Navemar, Alicante
100 cs, Briones & Co, St Louis, Bremen
PAPSINE—11 cs, President Hayes, Colombo
PATCHOULI LEAVES—59 bls, Bank of Manhattan, President Hayes, Penang
48 bls, Ruby Castle, Penang
PEATDUST—210 bls, New Amsterdam Mfg & Supply Co, Waukegan, Glasgow
PEATMOSS—800 bls, Premier Peatmoss Co, Minnequa, Copenhagen

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PEATMOSS—200 bls, McHutcheson & Co, St Louis, Bremen
200 bls, Premier Peatmoss Co, Cliffwood, Copenhagen
PEPPER, BLACK—246 bgs, Stein, Hall & Co, Javanese Prince, Oosthaven
1,412 bgs, Catz American Co, Javanese Prince, Oosthaven
50 bgs, Javanese Prince, Oosthaven
141 bgs, President Hayes, Bombay
300 bgs, Black Condor, Rotterdam
WHITE—420 bgs, American Farmer, London
243 bgs, Catz American Co, Raby Castle, Padang
PETROLEUM, CRUDE—109,818 bbls, Gulf Oil Co, Gulfbird, Las Piedras
50,000 bbls, Petrolera del Agur S A, Cities Service Toledo, Tampico
30,000 bbls, Mexican Atlas Petroleum Co, Cities Service Toledo, Tampico
83,009 bbls, Gulf Oil Co, Adellen, Las Piedras
69,397 bbls, Warner Quinlan Co, Ima, Las Piedras
PITCH—60 bbls, Fuerst Bros, Schodack, Dunkirk
STEARIN—215 dms, A V Berner & Co, Cavallo, Hull
PLASTER—60 bgs, W H Revis, Cavallo, Hull
POTASH BROMIDE—15 bbls, 3,498 lbs, D C Andrews & Co, Hamburg, Hamburg
CARBONATE—64 cks, 42,505 lbs, Hamburg, Hamburg
CAUSTIC—60 dms, American Cyanamid & Chem Co, Hamburg, Hamburg
MURIATE—1,995,800 kilos, N V Potash Export My, Navemar, San Felin de Guxola
PYRITES—2,000 tons, Titanium Pigment Co, Gyda, Setubal
QUEBRACHO EXTRACT—3,180 bgs, International Product Corp, Southern Cross, Buenos Aires
QUICKSILVER—50 flasks, Chase Natl Bank, Siboney, Vera Cruz
RAPESEED—126 bgs, J Loewith, Minnequa, Gdynia
RHUBARB—11 cs, J L Hopkins & Co, Norfolk, Shanghai
32 cs, S B Penick & Co, Norfolk, Shanghai
ROOT, MEDICINAL—72 bgs, 11,088 lbs, Navemar, Liorna
43 bgs, Black Gull, Antwerp
17 bls, President Hayes, Marseilles
30 bls, Koenigstein, Antwerp
RUSTILE ORE—200 bgs, Southern Cross, Santos
200 bgs, Allen Forwarding Co, Southern Cross, Rio Janeiro
SABADILLA SEED—100 bgs, S B Penick & Co, Carabobo, La Guayra
SAFROL—5 dms, Mitsui & Co, Getsuyo, Kobe
5 dms, Mitsui & Co, Getsuyo, Yokohama
SAGO FLOUR—2,800 bgs, Raby Castle, Singapore
742 bgs, Stein, Hall & Co, Getsuyo, Singapore
1,600 bgs, Javanese Prince, Singapore
1,468 bgs, Stein, Hall & Co, Raby Castle, Singapore
SANDALWOOD BILLETS—870 bgs, Clydebank, Madras
SARDINE MEAL—1,000 bgs, Wessel, Duval & Co, Getsuyo, Kobe
4,000 bgs, S L Jones & Co, Getsuyo, Yokohama
1,120 bgs, H J Baker & Bros, Norfolk, Yokohama
SARSAPARILLA ROOT—17 bls, A Zarrillo, Agwistar, Tampico
SENNA LEAVES—48 bls, J L Hopkins & Co, Clydebank, Port Sudan
SHELLAC—200 bgs, Clydebank, Calcutta
200 bgs, Philadelphia Natl Bank, Clydebank, Calcutta
425 bgs, Argenti & Co, Clydebank, Calcutta
550 bgs, Wm Zinsser & Co, Clydebank, Calcutta
SEEDLAC—100 bgs, Chase Natl Bank, Clydebank, Calcutta
600 bgs, Guaranty Trust Co, Clydebank, Calcutta
375 bgs, Argenti & Co, Clydebank, Calcutta
100 bgs, Mantrose Corp, Clydebank, Calcutta
SILICA SAND—160 bgs, L A Salomon & Bros, Waukegan, Manchester
40 bgs, Waukegan, Liverpool
SOAP BARK—50 bgs, 5,500 lbs, Peek & Velsor, Hamburg, Hamburg
SOAP—112 bgs, C A Bedden, American Importer, Manchester
100 cs, Anglo South American Bank, Navemar, Alicante
134 cs, R & G, Paris, Havre
MILLINGS—50 cs, Yardley & Co, American Farmer, London
SADDLE—85 cs, Salomon & Philipps, American Farmer, London
TOILET—4 cs, Laconia, Liverpool
SODA, BROMIDE—50 bbls, 11,660 lbs, D C Andrews & Co, Hamburg, Hamburg
CYANIDE—660 dms, 400 tubs, Charles Hardy, Paris, Havre
CHLORATE—1,200 dms, 132,000 lbs, Guaranty Trust Co, Hamburg, Hamburg
HYDROSULPHITE—25 dms, 5,940 lbs, Hamburg, Hamburg
PRUSSIATE—36 dms, M J Corbett & Co, Black Condor, Rotterdam
SILICOFLUORIDE — 350 bgs, 77,000 lbs, American Cyanamid & Chem Co, Navemar, Genoa
SPONGES—16 bls, Quiriqua, Cristobal
13 bls, Florida Sponge & Chamois Co, Oriente, Havana
1 bl, American Sponge & Chamois Co, Oriente, Havana
1 bl, American Sponge & Chamois Co, President Hayes, Genoa
REFUSE—5 bls, Quirigua, Cristobal
STARCH, RICE—10 bgs, Yardley & Co, American Farmer, London
STROPHANTHUS SEED—1 cs, Chemical Bank Trust Co, American Farmer, London
TALC—200 bgs, Charles Mathieu, Navemar, Liorna
TALLOW—37 bbls, 80 dms, Waukegan, Liverpool
230 cks, Southern Cross, Montevideo
TANKAGE—4,800 bgs, Roland, Buenos Aires
TAPIOCA, FLOUR—535 bgs, Balfour, Guthrie & Co, Javanese Prince, Batavia
500 bgs, Javanese Prince, Batavia
500 bgs, Stein, Hall & Co, Javanese Prince, Batavia

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TAPIOCA FLOUR—264 bgs, Seligman & Co, Javanese Prince, Sourabaya
1,053 bgs, Java American Export Co, Raby Castle, Pasoeroen
1,053 bgs, Manufacturers Trust Co, Raby Castle, Pasoeroen
264 bgs, Seligman & Co, Raby Castle, Pasoeroen
750 bgs, Stein, Hall & Co, Raby Castle, Cheribon
250 bgs, Stein, Hall & Co, Raby Castle, Batavia
1,054 bgs, Java American Export Co, Raby Castle, Pasoeroean
2,108 bgs, Raby Castle, Pasoeroean
250 bgs, Bank of Manhattan, Raby Castle, Batavia
TARTAR—542 bgs, Charles Pfizer & Co, Estrella, Lisbon
156 bgs, Charles Pfizer & Co, Estrella, Marseilles
TEAWASTE—1,075 bgs, Citro Chem Co, Clydebank, Calcutta
TIN POW'D—2 cs, Phoenix Shipping Co, Hamburg, Hamburg
TOLU BALSAM—20 cs, Wessel, Duval & Co, Calamares, Porto Colombia
TONKA BEANS—8 pkgs, Machado & Co, Astrea, Porto Cabello
TRICHLORETHYLENE—35 bbls, International Selling Corp, Estrella, Marseilles
TUBA ROOT—30 bls, Javanese Prince, Singapore
33 bls, Raby Castle, Singapore
TURMERIC—630 bgs, Volkart Bros, Rhexenor, Alleppey
470 bgs, Volkart Bros, Rhexenor, Cochin
200 bgs, Royal Bank of Canada, Rhexenor, Alleppey
80 bgs, Rhexenor, Cochin
URANIUM OXIDE—75 bbls, Central Trading Corp, Koenigstein, Antwerp
VALERIAN ROOT—20 bgs, Koenigstein, Antwerp
30 bgs, J L Hopkins & Co, Black Gull, Antwerp
VANILLA BEANS—21 cs, J N Limbert & Co, Siboney, Vera Cruz
73 cs, Chase National Bank, President Hayes, Tamatave
27 cs, Manufacturers Trust Co, President Hayes, Tamatave
27 cs, Irving Trust Co, President Hayes, Tamatave
6 cs, President Hayes, Tamatave
18 cs, Tradesmen National Bank, President Hayes, Marseilles
20 cs, President Hayes, Marseilles
VARNISH—30 bbls, Ferado & Asbestos, Waukegan, Liverpool
WATER, MINERAL — 50 cs, National City Bank, Navemar, Genoa
800 cs, E & J Burke, Estrella, Marseilles
WAX—10 bgs, L A Salomon & Bros, Transylvania, Glasgow
BEES—90 bgs, Lenape Trading Co, Lages, Rio de Janeiro
188 bgs, Lages, Rio de Janeiro
279 blks, Norwegian American Line, St Louis, Hamburg
8 seroons, Wessel, Duval & Co, Ponce, Puerto Plata
31 bgs, President Hayes, Alexandria
100 bgs, D Steengrafe, Southern Cross, Santos
100 bgs, Southern Cross, Santos
46 bgs, A Zarrilla, Agwistar, Tampico
10 bgs, F W Pabst, Agwistar, Tampico
CARNAUBA—130 bgs, American Cyanamid & Chem Co, Lages, Rio de Janeiro
63 bgs, Agwistar, Tampico
MONTAN—375 bgs, 44,550 lbs, Strohmeyer & Arpe Co, Hamburg, Hamburg
SPERMACETTI—100 cs, Transylvania, Glasgow
VEGETABLE—350 cs, H H Rosenthal & Co, Getsuyo, Moji
50 cs, Mitsui & Co, Getsuyo, Kobe
30 bgs, A Hurst & Co, American Farmer, London
WHEAT, FLOUR—10 dms, C A Bedden, American Importer, Manchester
YEAST—3 cs, 5 crts, 100 kgs, Hamburg, Hamburg
130 bbls, Vulkan Yeast Co, Hamburg, Hamburg
ZINC, OXIDE—4 cs, Yardley & Co, American Farmer, London
ZINC-AMMONIA CHLORIDE—21 cks, 12,040 lbs, American Cyanamid & Chem Co, Black Gull, Antwerp

New York Transit Imports

GELATIN—160 cs, Eastman Kodak Co, Black Condor, Rotterdam, Rochester
GUM ARABIC—30 bgs, Clydebank, Port Sudan, Kansas City
MAGNESIA, CARBONATE—100 cks, 25 cs, McKesson & Robbins, American Importer, Liverpool, Bridgeport
OIL, CHINAWOOD—443 tons, W G Smith Co, Javanese Prince, Shanghai, Cleveland
382 tons, W G Smith Co, Rhexenor, Shanghai, Cleveland
CITRONELLA—4 dms, A M Todd Co, Javanese Prince, Batavia, Kalamazoo
PAPAIN—22 cs, McKesson & Robbins, Javanese Prince, Colombo, Bridgeport
SPONGES—19 bls, Santa Paula, Havana, Havre
19 bls, Santa Paula, Havana, London
14 bls, Siboney, Vera Cruz, Boston
REFUSE—17 bls, Santa Paula, Havana, London
WAX, BEES—90 bgs, Will Baumer Candle Co, Santa Lucia, San Antonio, Syracuse

Baltimore Imports

COPRA—500 tons, Procter & Gamble Co, Memphis City, Zamboanga
CHEMICALS—500 bgs, City of Newport News, Bremen
350 bgs, 15 cks, City of Newport News, Hamburg
25 cks, 50 bbls, Black Osprey, Rotterdam
CLAY—80 cks, City of Newport News, Bremen
100 cks, Black Osprey, Rotterdam
REFRACTORY—800 bgs, Black Osprey, Antwerp
CHROME ORE—700 tons, Exmoor Volo, Greece
FERTILIZER—280 bgs, H J Baker & Bros, Black Osprey, Antwerp
GREASE, WOOL—6 bls, Black Osprey, Antwerp
IRON ORE—3,002 tons, Bethlehem Steel Co, City of Rayville, Whaylla
11,500 tons, Bethlehem Steel Co, Firmore, Daiquiri
21,500 tons, Bethlehem Steel Co, Bethore, Cruz Grande
LIVER MEAL, GROUND—406 bgs, West Calumb, Montevideo
MAGNESIA SILICOFLUORIDE—23 bbls, City of Newport News, Hamburg
MANGANESE ORE—8,800 tons, Amtorg Trading Corp, Stavros Coumantarios, Poti
MYROBALANS—3,200 bgs, Silverbeech, Bombay
MOLASSES—4,404,359 lbs, Cuba Distilling Co, Catahoula, La Romana
6,067,720 lbs, Cuba Distilling Co, Catahoula, Macoris
575,027 gls, Cuba Distilling Co, Catahoula, Caibarien
OIL, LUBRICATING—405 dms, Black Osprey, Antwerp
PEATMOSS—3,510 bls, 45 half bls, 80 ctns, City of Newport News, Bremen
200 bls, City of Newport News, Hamburg
PETROLEUM, CRUDE—66,000 bbls, Standard Oil Co of N J, Thomas H Wheeler, Aruba
QUEBRACHO EXTRACT—4,000 bgs, International Products Corp, West Calumb, Buenos Aires
2,422 bgs, West Calumb, Buenos Aires
10,608 bgs, Tanning Corp, West Calumb, Buenos Aires
SALTCAKE—300 tons, City of Newport News, Bremen
SODA, NITRATE—5,354 tons, Chilean Nitrate Sales Co, L A Christensen, Tocopilla
47,505 bgs, Chilean Nitrate Sales Co, L A Christensen, Tocopilla
SILICOFLUORIDE—40 bbls, City of Newport News, Hamburg
SAND, ILMENITE—1,500 tons, Silverbeech, Colachel
ZIRCON—500 tons, Silverbeech, Colachel

Boston Imports

ACID, CRESLYIC—50 dms, Cold Harbor, Liverpool
AGAR AGAR—15 bls, Mitsui & Co, Amagisan Maru, Kobe
AGARIC—4 cs, T D Downing Co, President Lincoln, Hongkong
AMMONIA, CARBONATE—5 dms, 10 cwt, 3 qrts, 6 lbs, American British Chemical Supplies Corpn, Cold Harbor, Glasgow
ANTIMONY SULPHURET—10 cks, 1 ton, 6 cwt, 2 qrts, 10 lbs, American Express Co, Laconia, Liverpool
BONES, GLUE—500 tons, Swift & Co, West Selene, Montevideo
BRISTLES—1 cs, Kwansi Maru, Osaka
CHEMICALS—101 dms, Royal Bank of Canada, Leerdam, Rotterdam
400 bgs, F A Kertess, Leerdam, Rotterdam
COLOR—2 cs, Cold Harbor, Liverpool
COCOA BEANS—500 bgs, Kwansi, Guayaquil
1,200 bgs, Kwansai, San Antonio
GINGER—3 bskts, Chong Lung, President Lincoln, Hongkong
GLUESTOCK, FISH SCRAP—10 bxs, J P Poole Co, Yarmouth, Yarmouth
HIDE CUTTINGS—210 bgs, 15 tons, 2 cwt, 20 lbs, Laconia, Liverpool
254 bgs, 18 tons, 8 cwt, 1 qrt, 17 lbs, Union Trust Co, Laconia, Liverpool
GOLD THREAD—1 bl, S B Penick & Co, Yarmouth, Yarmouth
GREASE—100 bbls, 21 tons, 2 qrts, 2 lbs, First Natl Bank, Cold Harbor, Liverpool
GUM, ARABIC—150 bgs, 33,730 lbs, Clydebank, Port Sudan
INK, FLUID—1 cs, Chong Lung, President Lincoln, Hongkong
LIME JUICE—20 cks, Simpson Spring Co, Laconia, Liverpool
LIVER MEAL—500 bgs, 118,842 lbs, from Argentina
MEDICINAL PREPS — 3 cs, Chong Lung, President Lincoln, Hongkong
9 cs, T D Downing Co, President Lincoln, Hongkong
MICA SPLITTINGS—250 cs, Clydebank, Calcutta
MILK, POWDER—200 bgs, Ward Dry Milk Co, Leerdam, Rotterdam
1,535 bgs, Leerdam, Rotterdam
NUTMEGS—40 bgs, Kota-Inten, Batavia
OIL, COCONUT, CRUDE—963 tons, ntfy, Phillipine Refining Corpn, Amagisan, Cebu
LINSEED—1 keg, Cold Harbor, Liverpool
PEANUT—30 cs, Chong Lung, President Lincoln, Hongkong
35 cs, Quong Wo Lung, President Lincoln, Hongkong
RAPESEED—50 dms, W R Grace & Co, Hoegh Merchant, Nagoya
PEATMOSS—200 bls, 25,573 lbs, Premier Peat Moss Corpn, Waukegan, Hamburg
400 bls, 47,619 lbs, Waukegan, Hamburg
600 bls, 99,251 lbs, Peat Import Corpn, Waukegan, Hamburg
PETROLEUM, CRUDE—64,883 bbls, 9,519 tons, Colonial Beacon Oil Co, Ferm, Caripito Hamburg
POPPYSEED—50 bgs, 5,511 lbs, Waukegan,
QUEBRACHO EXTRACT—6,610 bgs, 722,010 lbs, American Tanners, West Selene, Buenos Aires
90 bgs, 9,716 lbs, International Products Corpn, West Selene, Buenos Aires
ROSIN, LIQUID—1 bbl, 494 lbs, Kelkheim, Husum
SAWDUST—595 bgs, State Chemical Co, Leerdam, Rotterdam
SESAME SEED—3 cs, 3 bdls, Quong Wo Lung, President Lincoln, Hongkong
SHELLAC—25 bgs, Matheran, Calcutta
25 cs, 100 bgs, National City Bank, Matheran, Calcutta
SEEDLAC—300 bgs, Matheran, Calcutta
SOOT, SCOTCH—10 bgs, 10 cwt, Perry Seed Co, Cold Harbor, Glasgow
STARCH—11 cs, Quong Wo Lung, President Lincoln, Hongkong
POTATO—250 bgs, Leerdam, Rotterdam
TAPIOCA FLOUR — 269 bgs, National City Bank, Kota-Inten, Sourabaya
250 bgs, Bank of the Manhattan, Kota-Inten, Cheribon
ZINC DUST—40 cs, Mitsui & Co, Amagisan Maru, Kobe

Galveston Imports

SILICON CARBIDE—890 bgs, El Coston, New York
870 bgs, El Occidente, New York
WATER, MINERAL—220 cs, Boschdijk, Rotterdam

Houston Imports

MUSTARD—130 cs, 5 kgs, 2 dms, Gand, Antwerp
OIL, LUBRICATING—60 dms, Boschdijk, Antwerp

Los Angeles Imports

AGAR AGAR—1,300 lbs, Koryu, Kobe
ALCOHOL—64,230 lbs, Silverpalm, Manila
AMMONIAC SAL—6,670 lbs, Delftdijk, Berlin
BARIUM CHLORIDE—1,000 lbs, Nanman, Yokohama
CADMIUM—220 lbs, Delftdijk, Cologne
CHEMICAL COMPOUND—320 lbs, Kwansai, Yokohama
1,200 lbs, Tatsuta, Yokohama
CHILLIES—4,800 lbs, Koryu, Kobe
CHINA CLAY—47,820 lbs, Delftdijk, Plymouth
CLAY—11,020 lbs, Oakland, Hamburg
BALL—112,670 lbs, Delftdijk, Plymouth
COALTAR—158,500 lbs, Pacific Pioneer, Hull
PROD—5 lbs, Tatsuta, Yokohama
COCONUT DESIC—15,300 lbs, Tai Yang, Manila
COPRA—1,330,560 lbs, Golden Tide, Manila
1,317,120 lbs, Golden Tide, Legaspi
MEAL—2,337,850 lbs, Golden Tide, Manila
DRUGS, CRUDE—190 lbs, Tatsuta, Yokohama
FERTILIZER—100,000 lbs, Koryu, Kobe
262,220 lbs, Koryu, Yokohama
FISH MEAL—130,000 lbs, Koryu, Kobe
112,000 lbs, Keisho, Tokyo
GLASS, PLATE—44,270 lbs, Oakland, Brussels
SHEET—33,310 lbs, Oakland, Prague
GUANO—30,890 lbs, Hidalgo, Los Mochis
GUM, COPAL—22,500 lbs, Silverpalm, Macassar
HOPS—11,080 lbs, Europa, Prague
INCENSE—100 lbs, Koryu, Kobe
LICORICE—350 lbs, Europa, Copenhagen
LINSEED MEAL—100,000 lbs, Keisho, Kobe
MEDICINAL PREPS—390 lbs, Tatsuta, Yokohama
980 lbs, Delftjik, London

OIL, EUCALYPTUS—1,200 lbs, Keisho, Kobe
KAPOKSEED—40,000 lbs, Koryu, Kobe
OLIVE—10,790 lbs, President Polk, Genoa
PERILLA—150 dms, 60,000 lbs, Cuba, Kobe
412,660 lbs, Tai Yang, Kobe
359,760 lbs, Koryu, Kobe
RAPESEED—20,000 lbs, Bokuyo, Japan
PALMKERNEL NUTS—1,750 lbs, Mariposa, Sydney
PAPRIKA—15,400 lbs, From Valencia
PEATMOSS—201,600 lbs, Oakland, Bremen
59,230 lbs, Europa, Gothenburg
259,840 lbs, Europa, Malmo
POTASH CAUSTIC—13,810 lbs, Oakland, Berlin
MURIATE—801,920 lbs, Oakland, Hamburg
PYRETHRUM FLOWERS—22,400 lbs, Kisho, Kobe
SARDINE MEAL—220,990 lbs, Keisho, Japan
90,000 lbs, Keisho, Kobe
324,000 lbs, Keisho, Tokyo
SESAME SEED—33,000 lbs, Noshiro, Hongkong
SHELLAC—40,180 lbs, Saparoea, Calcutta
SOAP, DERRIS POWD—800 lbs, Koryu, Kobe
TOILET—60 lbs, Koryu, Kobe
10 lbs, Tatsuta, Yokohama
450 lbs, Keisho, Kobe
SUPERPHOSPHATE—09,990 lbs, Kersho, Kobe
TOILET PREP—630 lbs, Koryu, Kobe
WAX, VEGETABLE—1,120 lbs, Kersho, Kobe

New Orleans Imports

BAUXITE ORE—2,320 tons, Republic Mining & Mfg Co, Birte, Paramaribo
2,930 tons, Republic Mining & Mfg Co, Dalvangen, Paramaribo
CHEMICALS—72 csks, Advance Solvents & Chemical Corp, Frankenwald, Hamburg
COCOA BEANS—740 sx, Fruit Dispatch Co, Metapan, Almirante
COCONUTS—100 sx, Whitney Bank, Metapan, Cristobal
MOLASSES—1,014,738 gls, Old Time Molasses Co, Gertrude Kellogg, Matanzas
600,813 gls, Commercial Molasses Corp, Dora, Caibarien
911,377 gls, Commercial Molasses Corp, Dora, Matanzas
1,243,507 gls, North American Trading & Import Co, Ruth Kellogg, Puerto Tarafa
150,668 gls, North American Trading & Import Co, Ruth Kellogg, Havana
OIL, COCONUT—2,300 tons, Gertrude Kellogg, Matanzas
COTTONSEED—498,403 kilos, Boschdijk, Rotterdam
MINERAL—30 dms, Frankenwald, Hamburg
PALM—1,188,149 kilos, Tawali, Belawan Deli
PEANUT—231,034 kilos, Boschdijk, Rotterdam
SODA, NITRATE—2,500 tons, Chilean Nitrate Sales Corp, Luossa, Tocopilla
STARCH—400 sx, Boschdijk, Rotterdam
WATER, MINERAL—190 cs, Boschdijk, Antwerp

Norfolk Imports

CHINA CLAY—482 tons, 33 cwts, Moore & Munger, Sea Glory, Fowey
CLAY, BALL—220 tons, Moore & Munger, Sea Glory, Fowey
MANGANESE ORE—8,300 tons, E J Lavino & Co, Rockpool, Takoradi
QUEBRACHO EXTRACT—1,800 bgs, 83 tons, International Product Corp, Argentino, Montevideo
TANKAGE—289 cakes, 2 bgs, 35 tons, National City Bank, Argentino, Montevideo
3,564 bgs, 170 tons, J C Jett, Argentino, Montevideo
TAPIOCA FLOUR—368 bgs, Philadelphia Natl Bank, Tanimbar, Sourabaya

Philadelphia Imports

ACID, CRESYLIC—137 dms, Barrett Co, Cold Harbor, Manchester
3 dms, Cold Harbor, Liverpool
AMMONIA, SULPHATE—1,000 bgs, Bradley & Baker, Leerdam, Rotterdam
BARYTES—662 bgs, Anhalt, Bremen.
BONE GLUE, GRD—100 bgs, Anhalt, Hamburg
MEAL—4,000 bgs, Argenti & Co, Silverbeech, Karachi
BRISTLES—1 cs, I Sekine Co, Kiyosumi, Kobe
BRONZE POWDER—5 cs, Keer Maurer & Co, Anhalt, Bremen
CANARY SEED—1,732 d'bgs, Collingsworth, Buenos Aires
CHALK, CRUDE—500,000 kilos, Taintor Trading Co, Collamer, Dunkirk
CHEMICALS—400 cks, Advance Solvents & Chemical Co, Anhalt, Hamburg
375 bgs, Philipp Bauer & Co, Anhalt, Hamburg
60 cks, F A Kertess, Anhalt, Hamburg
74 crbys, Anhalt, Hamburg
50 cks, J W Hampton Jr & Co, Anhalt, Hamburg
125 cks, F A Kertess, Leerdam, Rotterdam
600 dms, 500 cs, J W Hampton Jr & Co, Leerdam, Rotterdam
406 cs, National City Bank, Kwansai, Osaka
CHINA, CLAY — 51,664 kilos, United Clay Mines Corp, Leerdam, Rotterdam
CLEANSER—15 dms, Wm J Jones & Co, Leerdam, Rotterdam
COCONUTS—65 bgs, Edwards-Freeman, Barbara, Mayaguez
32 bgs, Edwards-Freeman, Barbara, San Juan
COLOR, EARTH—16 cks, Anhalt, Bremen
CORK SHAVINGS—168 bls, Johnson Turner Trading Co, Exminster, Bona
WASTE—981 bls, Johnson Turner Trading Co, Exminster, Bona
WOOD—2,703 bls, Johnson Turner Trading Co, Exminster, Bona
ETHYLIN DIBROMID — 68 dms, Overseas Trading & Finance Co, Anhalt, Hamburg
FERROMANGANESE—200,600 kilos, Collamer, Dunkirk
51,065 kilos, Wm H Muller & Co, Leerdam, Rotterdam
FISHMEAL—2,240 bgs, Consumers Import Co, Kiyosumi, Yokohama
GLUE, LEATHER—100 bgs, Anhalt, Bremen
GREASE, LUBRICATING — 30 cs, Socony Vacuum Oil Co, Cold Harbor, Liverpool
GYPSUM—400 bgs, Anhalt, Bremen
CRUDE—5,200 tons, United States Gypsum Co, Gypsum Queen, Windsor, N S
HERBS—1 cs, J A Steer, Anhalt, Bremen
IRON OXIDE—15 cks, F B Vandegrift & Co, Cold Harbor, Liverpool
20 cks, Cold Harbor, Liverpool
LECITHIN—1 cs, J A Steer, Anhalt, Bremen
LIQUID RESIN, DISTILLED—30 bbls, Minnequa, Kotka
MANGANESE ORE—5,420 tons, Electro Metallurgical Co, Baron Saltoun, Takoradi
MANIOC FLOUR—425 bgs, Chase Natl Bank, Benedict, Ceara
MEDICINAL PREP'S—10 bbls, Gold Medal Haarlem Oil Co, Leerdam, Rotterdam
MILK POWDER—564 bgs, Balfour, Guthrie & Co, Leerdam, Rotterdam
300 bgs, Leerdam, Rotterdam
MILLET SEED — 881 bgs, Collingsworth, Buenos Aires
MOLASSES — 1,650,000 gls, Penn Sugar Co, Alpha, Havana
1,423,407 gls, North American Trading & Import Co, Winnetou, Banes
840,941 gls, Cuba Distilling Co, Carrabulle, Santiago
MOLASSES—506,111 gls, Cuba Distilling Co, Carrabulle, Antilla
MORTAR MIXTURE—565 bgs, F B Vandegrift & Co, Leerdam, Rotterdam
MYROBALANS—1,144 bgs, Silverbeech, Bombay
610 bgs, Guaranty Trust Co, Silverbeech, Bombay
12,000 pockets, Mahronda, Calcutta
OIL—160 dms, Atlantic Refg Co, Collamer, Havre
CODLIVER—65 dms, Anhalt, Bremen
COTTONSEED—1,000 dms, Benedict, Cabedello
PERILLA—300 tons, Mitsui & Co, Kiyosumi, Kobe
300 tons, Pacific Vegetable Oil Corp, Kiyosumi Moji
207.60 tons, Bank of London and South America, Kwansai, Dairen
RAPESEED, REF'D—100 dms, Mitsui & Co, Amagisan, Nagoya
TEASEED—75 dms, Kwansai, Canton
PEATMOSS—2,100 bls, Anhalt, Bremen
1,200 bls, Premier Peat Moss Corp, Carplaka, Copenhagen
997 bls, Premier Peat Moss Corp, Minnequa, Copenhagen
PEPPER, BLACK—750 bgs, Irving Trust Co, Adrastus, Oosthaven
486 bgs, Adrastus, Oosthaven
PETROLEUM, CRUDE—68,609 bbls, Gulf Oil Corp, Belita, Las Piedras
QUEBRACHO EXTRACT—1,500 bgs, International Products Corp, Collingsworth, Buenos Aires
SAGO FLOUR—856 bgs, Amagisan, Singapore
SAND, MOULDING—3 cks, Allen Forwarding Co, Collamer, Havre
SHELLAC—250 bgs, Mahronda, Calcutta
SODA PRUSSIATE—56 cks, Leerdam, Rotterdam
101 kegs, National City Bank, Kwansai, Osaka
SILICOFLUORIDE—120 bbls, H Kohnstamm & Co, Minnequa, Copenhagen
TANNING MATERIAL—1 dm, Wm J Jones & Co, Leerdam, Rotterdam
TAPIOCA FLOUR—250 bgs, Philadelphia Natl Bank, Adrastus, Cheribon
1,070 bgs, Balfour, Guthrie & Co, Adrastus, Pamanoekan
250 bgs, Adrastus, Batavia
UMBER, POW'D—17 cks, Charles A Wagner Co, Mahronda, Calcutta
WAX, CARNAUBA—22 bgs, Philadelphia Natl Bank, Benedict, Ceara
WHEAT STARCH POW'D—25 bls, H Kohnstamm & Co, Leerdam, Rotterdam
100 bls, Leerdam, Rotterdam
ZIRCONIUM ORE, UNPROCESSED—700 bgs, Allen Forwarding Co, Collingsworth, Santos

Port Arthur Imports

PETROLEUM, CRUDE—65,000 bbls, Malacca, Tampico

Portland, Ore., Imports

PEPPER, BLACK—250 sks, Tosari, Oosthaven
SILICA SAND—200 tons, Balfour, Guthrie & Co, San Francisco, Antwerp
SODA CHLORATE—1,000 cans, International Selling Corpn, San Francisco, Havre
TAPIOCA FLOUR—109 sks, American Trust Co, Tosari, Sourabaya

San Francisco Imports

ACID, CITRIC—300 cs, Manulani, Honolulu
48 cs, Maunawili, Honolulu
CRESYLIC—25 dms, American Cyanamid & Chemical Corp, Pacific Pioneer, Glasgow
70 dms, American Cyanamid & Chemical Corp, Loch Katrine, Rotterdam
AGAR AGAR—6 bls, Mitsui & Co, Tatsuta, Kobe
ALCOHOL, ETHYL—100 dms, Manulani, Honolulu
ALUMINUM LEAF—12 cs, R K Davidson, Schwaben, Hamburg
APRICOT KERNELS—25 sks, Bashaw Co, Tatsuta, Tientsin
ARGOLS—227 sks, Rialto, Naples
927 sks, Bank of California, N A, Rialto, Naples
ASPHALT—100 bbls, General Paint Corp, West Camargo, Port of Spain
BABASSU NUTS—3,334 sks, American Trust Co, West Camargo, Maranhao
1,667 sks, Bank of California, N A, West Camargo, Maranhao
1,667 sks, West Camargo, Maranhao
BLACK, CARBON—36 cs, Mariposa, Sydney
BONES, GRANULATED—7,475 sks, and 429 tons, West Camargo, Buenos Aires
CALCIUM ARSENATE—448 dms, Mitsui & Co, Cuba, Kobe
NITRATE—17,637 sks, Wilson & George Meyer & Co, Benjamin Franklin, Heroen-Porsgrund
CANARY SEED—504 sks, West Camargo, Buenos Aires
169 sks, Bank of California, N A, West Camargo, Buenos Aires
246 sks, McClintock-Stern Co, West Camargo, Buenos Aires
324 sks, National City Bank of N Y, West Camargo, Buenos Aires
CASSIA—150 bls, Cains Coffee Co, Tatsuta, Hongkong
CHALK—2,000 sks, Benjamin Franklin, Antwerp
CHEMICALS—1 cs, Schwaben, Hamburg (for Oakland)
300 sks, Hammel Chemical Corp, Schwaben, Bremen
2 cks, Loch Katrine, Rotterdam
40 cks, Advance Solvents & Chemical Corp, Loch Katrine, Rotterdam
CHINA CLAY—24,715 kilos, Holland America Line, Loch Katrine, Rotterdam
CHROMITE ORE—19 sks, Benguet Copsolidated Mining Co, General Lee, Manila
COCOA BEANS—300 sks, Pacific Pioneer, Manchester
250 sks, Vandel Commercial Co, Ltd, West Camargo, Bahia
500 sks, H A Phillips & Co, West Camargo, Bahia
670 sks, H A Phillips & Co, West Camargo, Para
COCONUT, DESIC—175 cs, Connell Bros & Co, Tai Yang, Davao
600 cs, J E Lowden, General Lee, Manila
2,641 cs, Franklin Baker Co, General Lee, Manila
1,998 cs, Durkee Famous Foods, General Lee, Manila
COLOR, CHEESE—1 cs, S A Winther & Co, Schwaben, Hamburg
COLORS, ARTISTS'—1 cs, Loch Katrine, London
COPRA—1,522 sks, Attorney General Mariposa, Pago Pago
CORK—22 sks, Mundet Cork Corp, Rialto, Barcelona
47 bls, Rialto, Barcelona
16 bls, G de Latour, Rialto, Barcelona
FLOATS—161 bls, Rialto, Barcelona
WOOD—13 bls, Armstrong Cork Co, Rialto, Barcelona
CRYOLITE—10 sks, Schwaben, Antwerp
DISTILLATE—3 dms, Shell Development Co, Loch Katrine, Rotterdam
EPSOM SALT—20 cs, American Factors, Loch Katrine, London
FERROMANGANESE—Quantity in bulk, Philadelphia National Bank, Benjamin Franklin, Heroen-Porsgrund
FERTILIZER—100 sks, T Muraka, General Lee, Kobe
GINGER ROOT—20 sks, Barclays Bank, Loch Katrine, Kingston
GLASS, WINDOW—13 cs, East Bay Glasg Co, Schwaben, Antwerp (for Oakland)
43 cs, Benjamin Franklin, Antwerp (for Oakland)
10 cs, Pacific National Bank, Benjamin Franklin, Antwerp
1,198 cs, Benjamin Franklin, Antwerp
GLUESTOCK—30 bls, Willits & Co, Inc, Tai Yang, Shanghai
GUM COPAL—49 sks, G W S Patterson & Co, General Lee, Manila
165 sks, Stroock & Wittenberg Corpn, General Lee, Manila
197 sks, Stroock & Wittenberg Corpn, General Lee, Manila
KAURI—15 sks, Mariposa, Suva
HERBS—15 bls, Nature's Herb Co, Schwaben, Hamburg
MEDICINAL—58 bls, Rialto, Trieste
HONEY—560 lbs, Mololo, Honolulu
280 lbs, Maunawili, Honolulu
IRON OXIDE—114 bbls, C J Osborn Co, Rialto, Malaga (for Oakland)
KAVA KAVA—16 sks, S B Penick & Co, Manulani, Hilo
16 sks, Parke Davis & Co, Manulani, Hilo
LARD, VEGETABLE—1,618 cs, David B Berelson, General Lee, Manila
LIME TARTRATE—1,233 sks, American Tartar Co, West Camargo, Buenos Aires
MAGNESIA, CALCINED—4 cs, Schofield Donald Co, Inc, Pacific Pioneer, Manchester
CARBONATE—100 csks, Schofield Donald Co, Inc, Pacific Pioneer, Manchester
MOLASSES—1,000 tons, Maunawili, Hilo
MUSTARD—120 cs, 4 kgs, Atlantis Sales Corpn, Loch Katrine, London
NUTMEGS—15 sks, B C Ireland, Inc, West Camargo, Port of Spain
OIL, CHINAWOOD—283 dms, Pacific Vegetable Oil Corpn, Tatsuta, Hongkong
COTTONSEED—534 dms, West Camargo, Santos
COTTONSEED, REF'D—200 dms, Mitsubishi Shoji Kaisha, Cuba, Kobe
100 dms, Pacific Vegetable Oil Corpn, Cuba, Kobe
EUCALYPTUS—25 cs, Mariposa, Melbourne
KAPOKSEED, SEMI-REF'D—146 tons Vegetable Oil Corpn, Tatsuta, Kobe
OLIVE—60 dms, 5 crbys, Rialto, Leghorn
100 dms, Olivarera Peninsular S A Rialto, Malaga
200 dms, Carbonell & Co, Rialto, Malaga
30 dms, Rialto, Malaga
PERILLA—Quantity in bulk, S L Jones & Co, Cuba, Kobe
Quantity in bulk, Pacific Vegetable Oil Corpn, Cuba, Kobe
150 dms, Pacific Vegetable Oil Corpn, Cuba, Nagoya
150 dms, D Hecht & Co, Cuba, Nagoya
VEGETABLE—10 cs, Fujimoto Co, Tatsuta, Yokohama
ORRISROOT—10 sks, Rialto, Leghorn
OSSEIN—1,000 sks, Thornley & Pitt, Benjamin Franklin, Antwerp
PEATMOSS—1,250 bls, Peat Import Corpn, Schwaben, Bremen (for Oakland)
400 bls, Peat Import Corpn, Schwaben, Bremen
1,000 bls, Benjamin Franklin, Oslo (for Oakland)
700 bls, Wilson & George Meyer & Co, Benjamin Franklin, Oslo
POTASH CHLORATE—750 cks, Uniform Chemical Prod Corpn, Schwaben, Hamburg (for Oakland)
SULPHATE—2,500 sks, First National Bank of Boston, Benjamin Franklin, Antwerp
QUEBRACHO EXTRACT—700 sks, International Products Corpn, West Camargo, Buenos Aires
SESAME SEED—200 sks, Sokol & Co, Tatsuta, Hongkong
6,000 sks, S L Jones & Co, Tatsuta, Shanghai
SHEEP DIP, LIQUID—10 cs, Bank Line Transport & Trading Co, Pacific Pioneer, Glasgow
STEARINE—12 bbls, Anglo-California National Bank, Mariposa, Sydney
TALLOW—16 bbls, Mariposa, Sydney
47 dms, Anglo-California National Bank of San Francisco, Mariposa, Auckland
TOILET PREPS—1 cs, Manulani, Honolulu
4 cs, Narciso T Arias, General Lee, Manila
ZINC-AMMONIA CHLORIDE—1 cs, Schwaben, Hamburg (for Oakland)

Savannah Imports

OIL, COTTONSEED—40 tons, Nora Maersk, Shanghai
PETROLEUM, CRUDE—668,564 bbls, Hugotan, Tampico
TAPIOCA FLOUR — 2,158 bgs, Tanimbar, Sourabaya
250 bgs, Tanimbar, Cheribon
2,500 bgs, Tanimbar, Batavia

Seattle Imports

PEPPER, WHITE—78 sks, Tosari, Tandjong-Priok
SILICA SAND—300 tons, Balfour, Guthrie & Co, San Francisco, Antwerp
SODA CHLORATE—500 cans, International Selling Corpn, San Francisco, Havre
NITRATE—2,541 sks, Chilean Nitrate Sales Corpn, Charcas, Tocopilla

Tacoma Imports

OIL, CODLIVER, MED—20 bbls, Lien & Selvig, Benjamin Franklin, Oslo
POTASH CHLORATE—150 csks, Schwaben, Hamburg

Tampa Imports

AMMONIA SULPHATE — 340 short tons, Maiden Creek, Rotterdam
FERTILIZER, NITROGENOUS — 500 bgs, Maiden Creek, Rotterdam

Recent Exports from U. S. Ports

New York Exports

ACID, CRESLIC—4,928 lbs, Stella, Antofagasta
FORMIC—19,311 lbs, Padnsay, Marshall
MURIATIC—18,700 lbs, Smaragd, Banes
NITRIC—5,649 lbs, Peten, Havana; (Toloa) 197 lbs, Colon; 4,526 lbs, Puerto Colombia
STEARIC—1,115 lbs, Toloa, Tumaco
SULPHURIC—2,700 lbs, Toloa, Buenaventura
AMMONIA, SULPHATE—(Ingrid) 93,150 lbs, St Lucia; 202,500 lbs, St Vincent
ASPHALT—5,982 lbs, Coamo, San Juan; 25,231 lbs, President Harding, Hamburg; 51,641 lbs, Examelia, Piraeus; (Independence Hall) 21,960 lbs, Havre; 11,160 lbs, Bordeaux; 251,229 lbs, American Shipper, Liverpool
LIQUID—7,966 lbs, Padnsay, Takoradi; 38,662 lbs, Exchange, Tunis; 5,722 lbs, California, Glasgow; 11,579 lbs, American Trader, London; 132,069 lbs, Lagaholm, Malmo
SOLID—52,610 lbs, American Shipper, Manchester
BAKING POWDER—39,600 lbs, Deutschland, Stockholm
BARBASU MEAL—228,480 lbs, Henri Jasper, Antwerp; 113,209 lbs, President Harding, Hamburg
BLUE ALKALI—11,406 lbs, California, Glasgow
ULTRAMARINE—22,610 lbs, Cubano, Buenos Aires
BONEMEAL—34,591 lbs, Henri Jasper, Antwerp
CALCIUM BROMIDE—1,790 lbs, Lagaholm, Gothenburg
CHLORIDE—21,540 lbs, Peten, Guayaquil; 28,720 lbs, Guayaquil, Colombo
CHEMICALS—1,483 lbs, Conte Savoia, Genoa; 9,608 lbs, Black Falcon, Rotterdam; 43,168 lbs, American Merchant; 17,723 lbs, American Shipper, Liverpool; 2,460 lbs, Volendam, Amsterdam
CHLORINE, LIQ—6,900 lbs, Guayaquil, Puerto Colombia
CLAY—21,000 lbs, Conte Savoia, Genoa; 40,000 lbs, Stavangerfjord, Oslo
COALTAR—2,596 lbs, Stella, Callao
INTERMEDIATES — 4,856 lbs, Gerolstein, Basle
CORN FLOUR—(Muncaster Castle) 31,020 lbs, Manila; 15,510 lbs, Cebu; 1,518 lbs, Stella, Paita; 62,040 lbs, Santa Elena, Porto Colombia
SUGAR—10,150 lbs, American Trader, London; 20,300 lbs, American Shipper, Manchester; (Stavangerfjord) 1,320 lbs, Trondhjem; 1,523 lbs, Oslo; 705 lbs, City of Dalhart, Honolulu
SYRUP—1,729 lbs, Stella, Callao; 46,550 lbs, City of Dalhart, Manila
DEXTRIN CORN — 22,560 lbs, Examelia, Istanbul
DICHLORODIFLUOROMETHANE—12,013 lbs, American Trader, London
DRUGS—4,342 lbs, American Merchant, London
DYES—22,680 lbs, Steel Worker, Bombay; 2,831 lbs, American Legion, Buenos Aires; 3,392 lbs, President Harding, Havre
ETHYL FLUID—35,730 lbs, Independence Hall, Havre
FERTILIZER—12,300 lbs, Stella, Buenaventura; 32,968 lbs, Ingrid, Grenada; 3,300 lbs, American Shipper, Manchester
FILTER SAND—18,558 lbs, American Shipper, Liverpool
FIRECLAY—22,465 lbs, Deutschland, Hamburg
GASOLINE—(Padnsay) 21,000 gls, Takoradi; 32,000 gls, Accra; 10,000 gls, Santa Isabel; 10,500 gls, Sao Thome; (Ingrid) 26,964 gls, St Thomas; 4,368 gls, Guiria; 3,000 gls, Guayaquil, Port Prince
GLASS, PLATE—93,050 lbs, American Trader, London; 72,290 lbs, American Merchant, London
GLUE—720 lbs, Lagaholm, Malmo
FLAKE—3,063 lbs, Peten, Havana
GREASE, ANIMAL—70,231 lbs, Black Falcon, Rotterdam; 45,049 lbs, Volendam, Rotterdam
GREASE, LUBRICATING—(Padnsay) 5,970 lbs, Port Bouet; 7,200 lbs, Bata; 1,500 lbs, Port Gentil; 33,670 lbs, Matadi; 2,928 lbs, Georgic, Southampton; 1,401 lbs, Conte Savoia, Genoa; 54,711 lbs, Deutschland, Hamburg; 14,082 lbs, Manuel Arnus, Barcelona; 31,783 lbs, Scythia, Liverpool; 38,633 lbs, Gerolstein, Antwerp; 8,860 lbs, American Trader, London; 3,118 lbs, Peten, Havana; 8,940 lbs, Stella, Buenaventura; 2,680 lbs, Ancon, Amapala; 44,285 lbs, Champlain, Havre; 11,271 lbs, Stavangerfjord, Oslo; (Lagaholm) 3,183 lbs, Helsingfors; 16,400 lbs, Stockholm
INSECTICIDE—6,645 lbs, Ingrid, Trinidad; 9,238 lbs, Volendam, Rotterdam
AGRICULTURAL — 64,884 lbs, American Legion, Buenos Aires; 2,360 lbs, Black Falcon, Rotterdam; 660 lbs, Conti de Savoia, Genoa; (Stella) 8,217 lbs, Valparaiso; 4,182 lbs, Talcahuano; (Volendam) 6,600 lbs, Rotterdam; 5,900 lbs, Amsterdam
HOUSEHOLD—(Exchange) 14,820 lbs, Oran; 15,010 lbs, Algiers; 10,680 lbs, Philippeville
KAVA KAVA ROOT — 1,134 lbs, American Merchant, London
KEROSENE—7,500 gls, Ancon, Port au Prince
LARD—24,075 lbs, Colombia, Puerto Colombia; 4,151 lbs, Berengaria, Southampton; 132,060 lbs, American Trader, London; 40,704 lbs, Coamo, San Juan; (Peten) 13,125 lbs, Caibarien; 5,250 lbs, Cienfuegos; 21,625 lbs, Havana; 8,025 lbs, Toloa, Puerto Colombia; 13,570 lbs, Guayaquil, Port au Prince; 25,600 lbs, American Merchant, London
LEAD, WHITE — 2,110 lbs, Peten, Sagua Grande; 310,750 lbs, Cristobal, Cristobal; 59,832 lbs, Volendam, Amsterdam
LINSEED CAKE—563,652 lbs, American Shipper, Liverpool
LITHARGE—46,681 lbs, Pan Bolivar, Aruba; 61,045 lbs, Paul H Harwood, Aruba; 16,532 lbs, Lagaholm, Gothenburg
LITHOPONE—4,662 lbs, Severoles, Caibarien
LUBRICANTS—14,594 lbs, Lagaholm, Malmo
MILK POWDER—20,626 lbs, American Merchant, London
NAPHTHA—(Padnsay) 17,000 gls, Dakar; 12,500 gls, Freetown; 5,000 gls, Marshall; 20,000 gls, Port Bouet; 41,000 gls, Winnebah; 20,000 gls, Accra; 10,000 gls, Santa Isabel; 8,000 gls, Duala; 50,000 gls, Kribi; 9,200 gls, Bata; 20,500 gls, Sao Thome; 550 gls, Libreville; 4,125 gls, Port Gentil
OIL, CASTOR—1,000 lbs, Lagaholm, Helsingborg; 977 lbs, President Harding, Havre
CYLINDER—(General Gassouin) 310 tons, Antwerp; 1,560 tons, France
EDIBLE—1,366 lbs, Colombia, Porto Colombia; 1,000 lbs, Peten, Limon; (Stella) 1,878 lbs, Guayaquil; 53,172 lbs, Buenaventura
ESSENTIAL—1,366 lbs, Deutschland, Hamburg; 6,381 lbs, Volendam, Rotterdam
FUEL—1,100 gls, Padnsay, Libreville
GAS—(Padnsay) 1,100 gls, Winnebah; 4,950 gls, Lagos; 2,750 gls, Bata; 5,500 gls, Sao Thome; 2,750 gls, Libreville; 11,000 gls, Port Gentil
LUBRICATING—5,095 gls, Peten, Havana; (Stella) 3,630 gls, Buenaventura; 4,455 gls, Mollendo; 3,885 gls, Talcahuano; 2,750 gls, Santa Elena, La Libertad; (General Gassouin) 310 tons, Antwerp; 560 tons, France; 16,296 gls, Conte Savoia; 88,574 gls, Deutschland, Hamburg; (Henri Jasper) 10,414 gls, Antwerp; 1,650 gls, Leo; (Manuel Arnus) 39,510 gls, Barcelona; 4,200 gls, Valencia; (Cristobal Colon) 2,898 gls, Vigo; 1,974 gls, Gijon; 1,680 gls, Bilbao; 6,132 gls, California, Glasgow; (Scythia) 3,300 gls, Chittagong; 1,320 gls, Calcutta; 38,375 gls, Liverpool; 1,100 gls, Black Falcon; 13,692 gls, American Trader, London; 2,100 gls, Georgic, Southampton; (Muncaster Castle) 1,310 gls, Manila; 2,475 gls, Shanghai; 3,575 gls, Steel Worker, Mombasa; (Padnsay) 1,125 gls, Freetown; 18,785 gls, Port Bouen; 2,975 gls, Winnebah; 7,150 gls, Accra; 4,070 gls, Santa Isabel; 1,000 gls, Duala; 10,250 gls, Bata; 1,950 gls, Libre

OIL, LUBRICATING (Continued):—
ville; 5,500 gls, Boma; 15,125 gls, Matadi; 1,925 gls, Cubano, Buenos Aires; (Exchange) 1,638 gls, Melilla; 5,838 gls, Oran; 9,945 gls, Algiers; 10,584 gls, Tunis; 3,410 gls, Fort Amherst, Halifax; (Stavangerfjord) 2,619 gls, Trondhjem; 11,966 gls, Bergen; 12,476 gls, Oslo; (Volendam) 11,920 gls, Rotterdam; 3,234 gls, Amsterdam; (Lagaholm) 8,780 gls, Gothenburg; 2,100 gls, Helsingfors; (Independence Hall) 8,720 gls, Havre; 30,912 gls, St Nazaire; 13,902 gls, Bordeaux; 6,380 gls, American Merchant, London; (American Shipper) 2,200 gls, Liverpool; 4,690 gls, Manchester; (President Harding) 19,110 gls, Havre; 35,069 gls, Hamburg; (Examelia) 6,875 gls, Piraeus; 77,330 gls, Constanza; 2,384 gls, Ingrid, Martinique; 1,375 gls, Cristobal, Cristobal; 118,034 gls, Champlain, Havre; 2,242 tons, Thalia, Rio de Janeiro; 5,995 gls, Thule, Rio Grande
NEATSFOOT—4,827 lbs, Henri Jasper, Antwerp; 18,849 lbs, Lagaholm, Stockholm
MINERAL—2,750 gls, American Trader, London
MOTOR—1,650 gls, Padnsay, Bata
OLEO—35,220 lbs, California, Glasgow; 58,894 lbs, American Trader, London; 23,634 lbs, Black Falcon, Rotterdam; 42,762 lbs, Europa, Bremen; 13,232 lbs, Aquitania, Southampton; 7,050 lbs, American Shipper, Liverpool; 48,299 lbs, American Merchant, London
VALVE—615 tons, General Gassouin, France
PAINT—4,072 lbs, American Legion, Buenos Aires; 2,535 lbs, Coamo, San Juan; 25,160 lbs, City of Dalhart, Manila
PREPARED—2,683 lbs, Peten, Bocas Toro; 862 lbs, Stavangerfjord, Oslo; 18,873 lbs, Smaragd, Banes
THINNER—(Cubano) 200 gls, Bahia; 5,000 gls, Santos; (Steel Worker) 2,065 gls, Bombay; 2,200 gls, Aden; 550 gls, Stavangerfjord, Oslo; 2,750 gls, City of Dalhart, Manila
PARAFFIN — (Exchange) 38,062 lbs, Casablanca; 22,618 lbs, Ceuta; 25,031 lbs, Conte Savoia, Genoa; 78,805 lbs, Deutschland, Hamburg; (Peten) 11,098 lbs, Cienfuegos; 22,576 lbs, Havana; (Stella) 22,821 lbs, Buenaventura; 56,636 lbs, Callao; 43,907 lbs, Valparaiso; (Ancon) 12,121 lbs, Amapala; 11,122 lbs, La Union; (Toloa) 40,454 lbs, Cartagena; 28,976 lbs, Puerto Colombia; (Cristobal) 11,123 lbs, Tumaco; 25,760 lbs, Acajutla; 75,737 lbs, Examelia, Salonica; 8,897 lbs, Stavangerfjord, Oslo; 11,122 lbs, Volendam, Amsterdam
PETROLATUM, MEDICINAL — 136,592 lbs, American Trader, London; 23,606 lbs, American Merchant, London
PETROLEUM, REFD — (Padnsay) 3,500 gls, Dakar; 2,500 gls, Freetown; 10,000 gls, Port Bouet; 12,500 gls, Winnebah; 10,000 gls, Accra; 4,000 gls, Duala; 2,500 gls, Kribi; 3,500 gls, Bata; 13,850 gls, Sao Thome; 550 gls, Port Gentil; (Cubano) 200,000 gls, Bahia; 20,000 gls, 90,000 gls, Santos
PHENOL, CRUDE—2,879 lbs, Stella, Buenaventura
RESIN—9,010 lbs, Scythia, Liverpool
COALTAR—2,302 lbs, American Trader, London
SYNTHETIC—8,481 lbs, Scythia, Liverpool; 970 lbs, American Trader, London; 2,265 lbs, American Shipper, Liverpool; 2,300 lbs, Lagaholm, Gothenburg; 1,052 lbs, American Merchant, London
ROSIN—2,160 lbs, American Merchant, London
SOAP—67,265 lbs, City of Dalhart, Manila
SODA ASH—6,000 lbs, Coamo, San Juan; 65,065 lbs, Stella, Tocopilla
BICARBONATE—(Peten) 5,150 lbs, Port Limon; 2,060 lbs, Puntarenas; 2,435 lbs, Stella, Buenaventura
BICHROMATE—8,885 lbs, Stella, Tocopilla
CAUSTIC—14,280 lbs, Steel Worker, Bhavnagar; 21,494 lbs, Stella, Valparaiso; 53,700 lbs, Santa Elena, Buenaventura; 840,000 lbs, Paul H Harwood, Aruba; 10,800 lbs, Toloa, Cartagena; 394,110 lbs, Dagrun, Buenos Aires
CYANIDE—4,280 lbs, Ancon, La Union
PHOSPHATE TRI — 5,220 lbs, American Legion, La Plata; 102,600 lbs, American Trader, London
SULPHATE—4,000 lbs, Pan Bolivar, Aruba
SULPHITE—53,797 lbs, Stella, Antofagasta
SOLVENTS—2,740 lbs, American Trader, London
STARCH, CORN—(Muncaster Castle) 7,755 lbs, Manila; 6,391 lbs, Shanghai; 60,912 lbs, Steel Worker, Aden; 32,170 lbs, Coamo, San Juan; (City of Dalhart) 12,650 lbs, Honolulu; 1,502 lbs, Manila; 7,050 lbs, American Merchant, London; 7,100 lbs, American Shipper, Manchester
TALC—10,281 lbs, American Trader, London; 11,260 lbs, Scythia, Liverpool; 20,400 lbs, Toloa, Colon; 44,800 lbs, American Merchant, London
TALLOW, INED—11,549 lbs, Ancon, Port Prince; (Coamo) 9,684 lbs, Trujillo; 22,611 lbs, Macoris
TANNING MATERIAL—14,510 lbs, American Legion, Buenos Aires
TOBACCO EXTRACT—28,645 lbs, Europa, Bremen
TURPENTINE—1,500 gls, Cubano, Buenos Aires; 2,500 gls, Dagrun, Buenos Aires
WAX TAILINGS—49,398 lbs, Independence Hall, Havre
ZINC OXIDE—15,003 lbs, Berengaria, Southampton; 2,435 lbs, Peten, Havana

Clearance Dates

American Legion, May 26; American Merchant, May 22; American Shipper, May 22; American Trader, May 15; Ancon, May 5; Aquitania, May 21; Berengaria, May 8; Black Falcon, May 20; California, May 22; Champlain, May 22; City of Dalhart, May 25; Coamo, May 21; Colombia, May 21; Conte Savoia, May 22; Cristobal Colon, May 23; Cubano, May 23; Dagrun, May 28; Deutschland, May 20; Europa, May 19; Examelia, May 25; Exchange, May 19; Fort Amherst, May 22; General Gassouin, May 20; Georgic, May 15; Guayaquil, May 12; Gypsum Empress, May 28; Henri Jasper, May 20; Independence Hall, May 28; Ingrid, May 23; Lagaholm, May 23; Manuel Arnus, May 23; Muncaster Castle, May 13; Normandie, May 26; Padnsay, May 19; Pan Bolivar, May 21; Paul H Harwood, May 26; Peten, May 21; President Harding, May 26; Santa Elena, May 23; Severoles, May 13; Smaragd, May 29; Stavangerfjord, May 25; Steel Worker, May 20; Stella, May 15; Thalia, May 29; Thule, May 29; Toloa, May 23; Volendam, May 22

Baltimore Exports

ACID, CHROMIC—22,400 lbs, Quaker City, Manchester; 2,200 lbs, City of Havre, Gothenburg
AMMONIA, SULPHATE — 496 tons, City of Dalhart, Iloilo; 36 tons, City of New York, Beira; (Anniston City) 893 tons, Honolulu; 714 tons, Hilo; 446 tons, Kahului
ASBESTOS REFUSE—4,500 lbs, City of Norfolk, Copenhagen
ASPHALT—100 gls, City of Norfolk, London
PETROLEUM—1 ton, City of Norfolk, Havre
ROOF—47,450 lbs, Edward M Raphel, Havana
SOLID—(City of Havre) 12,419 lbs, Halmstad; 12,261 lbs, London; 20 tons, City of Norfolk, Hamburg; 13,348 lbs, Quaker City, Liverpool
BUTYL ACETATE—1,604 lbs, Argentino, Rio de Janeiro
CALCIUM GLUCONATE—672 lbs, City of Norfolk, London
CHROME ORE—1,125,400 lbs, Exermont, Genoa
COLOR, RED, DRY—700 lbs, City of Dalhart, Manila
CORNFLOUR—2,100 lbs, Anniston City, Honolulu; 61,600 lbs, Laganbank, Manila
CEMENT—(Argentino) 75 bbls, Rio de Janeiro; 375 bbls, Santos
ROOF—1,250 lbs, City of Havre, London
TILE—840 lbs, Anniston City, Honolulu; 288 bbls, Bronte, Buenos Aires
DEODORANT—83 lbs, City of Dalhart, Manila
DEXTRIN—5,600 lbs, City of New York, Durban
FRIT — (Thule) 11,700 lbs, Rio de Janeiro; 23,100 lbs, Santos
FURFURAL TECH—2,000 lbs, Tokai, Kobe
GRASS FRIT, CRSHD—1,000 lbs, Quaker City, Manchester
LIQUID, CRSHD—3,525 lbs, City of Norfolk, London
GREASE, LUBRICATING — 1,074 lbs, San Anselmo, Panama; 100 lbs, Bronte, Santos
INSECTICIDE — 375 lbs, City of Norfolk, Kovno
LEAD, WHITE—100 lbs, Bronte, Santos
MOLASSES—(Quaker City) 5,500 gls, Dublin; 2,750 gls, Cork
METHYL CHLORIDE—1,350 lbs, Robin Goodfellow, Johannesburg
OIL, LUBRICATING—85 bbls, City of Norfolk, Havre; 7,812 gls, Tokai, Osaka; 8,333 gls, City of Havre, London
CYLINDER—(Tokai) 1 bbl, Yokohama; 1 bbl, Kobe; 1 bbl, Fusan; 1 bbl, Keelung; 882 bbls, Bronte, Buenos Aires
ENGINE—1,925 gls, Exermont, Marseilles
OCHER—45,060 lbs. Exermont, Genoa
OYSTER SHELLS, CRSHD—50,000 lbs, Artigas, Halifax, N S
PAINT—3,065 lbs, Pennsylvania, Cristobal; 850 gls, Bronte, Santos
POLISH, SHOE—(City of Norfolk) 1,695 lbs, Decines; 1,589 lbs, Morges
AUTO—1,636 lbs, Robin Goodfellow, Durban
POTASH, BICHROMATE — 22,400 lbs, San Anselmo, Talcahuano
MURIATE — (Robin Goodfellow) 51 tons, Lourenco Marques; 151 tons, Durban
SULPHATE — 25 tons, Robin Goodfellow, Lourenco Marques
QUERCITRON BARK—26,334 lbs, City of Norfolk, Havre
RUTILE—6,828 lbs, Quaker City, Liverpool
SULPHUR, DIOXIDE—1,043 lbs, Robin Goodfellow, Johannesburg
SODA, BICHROMATE—22,400 lbs, Quaker City, Manchester
SILICATE—50,000 lbs, Edward M Raphel, Havana
SOLDER DROSS—407,463 lbs, Quaker City, Liverpool
TITANIUM LITHOPONE—2,400 lbs, Artigas, Hull
VARNISH—7 gls, City of Norfolk, Slough Bucks
WHITING COMP—100 lbs, City of Norfolk, London

Clearance Dates

Anniston City, May 25; Argentino, May 20; Artigas, May 26; Bronte, May 26; City of Dalhart, May 21; City of New York, May 22; City of Havre, May 28; City of Norfolk, May 22; Edward M Raphel, May 25; Exermont, May 21; Haarfagre, May 26; Laganbank, May 26; Pennsylvania, May 28; Quaker City, May 23; Robin Goodfellow, May 22; San Anselmo, May 23; Thule, May 25; Tokai, May 23

Beaumont Exports

BLACK, CARBON—79 tons, Meanticut, London
PETROLEUM, CRUDE—73,082 bbls, William Strachan, Donges; 85,000 bbls, Frontenac, Montreal; 66,762 bbls, C I P, Havre

Clearance Dates

C I P, May 19; Frontenac, May 18; Meanticut, May 10; William Strachan, May 15

Boston Exports

ALUMINA OXIDE—2 kgs, 400 lbs, Scythia, Birmingham
ANIMAL DIP—100 dms, 42,500 lbs, to Philippine Islands
BAKING POWDER—100 bxs, 3,000 lbs, to Newfoundland
BLACK, LAMP—8 cs, 375 lbs, Saint John, Saint John
BRISTLES—4 cs, 532 lbs, Saint John, St John
CALAMUS ROOT—1 bg, 25 lbs, Saint John, St John
CAYENNE—1 dm, 100 lbs, Saint John, Summerside
CEMENT, CAN—(Liberty) 2 dms, 930 lbs, Vigo; 5 dms, 2,277 lbs, Copenhagen
CHAMOMILE FLOWERS—1 bg, 25 lbs, Saint John, St John
CLEANING COMP—1 cs, 24 lbs, Saint John, St John
DEODORANT—2 crtn, 120 lbs, Saint John, St John
DERRIS ROOT—1 bbl, 209 lbs, Saint John, Summerside
DISINFECTANT—5 crtns, 56 lbs, to Newfoundland
DRESSING, LEATHER—3 dms, 165 gls, to Philippines
SHOE—20 bbls, 1,788 lbs, Scythia, Leicester
DRUGS, DRY—4 crtns, 86 lbs, Saint John, St John; 1 crtn, 5 lbs, Yarmouth, Halifax
ELM BARK, GRD—1 bx, 1 bg, 55 lbs, Saint John, St John
FINISH, SHOE—10 kgs, 100 gls, to Philippines
FISHMEAL—1,120 bgs, 113,120 lbs, Liberty, Hamburg
FLEASEED—1 bg, 110 lbs, Saint John, St John
FENUGREEK SEED, POWD—1 dm, 100 lbs, Saint John, Summerside
GENTIAN ROOT, POWD—1 dm, 100 lbs, Saint John, Summerside
GENTIAN ROOT, POWD—1 dm, 100 lbs, Saint John, Summerside
GINGER, AFRICAN—1 dm, 100 lbs, Saint John, Summerside
GLUE—1 cs, 204 lbs, to Philippines
GREASE, LUBRICATING—1 bbl, 403 lbs, Yarmouth, Yarmouth
GUM, ACACIA—1 bx, 25 lbs, Saint John, St John
BENZOIN, SUMATRA—1 bx, 25 lbs, Saint John, St John
INK, MARKING—1 cs, Black Heron, Zurich
PRINTING—1 cs, 67 lbs, Scythia, Manchester; 67 dms, 29,744 lbs, Liberty, Helsingfors; 1 crtn, 16 lbs, to Newfoundland; 2 cs, 18 lbs, Saint John, St John
WRITING—1 crtn, 23 bxs, 211 lbs, to Newfoundland; 15 cs, 438 bxs, 4,700 lbs, to China; 5 cs, 675 lbs, to Philippines; 3 bxs, 3 pkgs, 121 crtns, 2,132 lbs, to Hawaii
INVALID'S FOOD—20 cs, 475 lbs, to Philippines
LIME PHOSPHATE—5 bbls, 1,625 lbs, to Nova Scotia
LINING COMP—(Black Heron) 20 dms, 8,905 lbs, Rotterdam; 25 dms, 10,425 lbs, Antwerp; (Liberty) 2 dms, 963 lbs, Nantes; 5 dms, 2,245 lbs, Copenhagen
MEDICINAL PREPS—289 bxs, 1,445 gls, Liberty, London; 2 crtns, to Hawaii
MILK, DRY—1 cs, 60 lbs, to Japan
MUCILAGE—5 cs, 839 lbs, to China
OIL, LUBRICATING—22 dms, 1,186 gls, to Newfoundland; 41 cs, 5 dms, 20 crtns, Saint John, St John
MACHINE—3 cs, 7 gls, to Hawaii
PARAFFIN—356 bgs, 79,032 lbs, Liberty, London; 100 bgs, 22,400 lbs, Adrastus, Semarang
PASTE, ADHES—210 dms, 10,740 lbs, Liberty, London; 1 cs, 29 lbs, to Newfoundland
FLOUR, DRY—2 cs, 50 lbs, Liberty, Helsingfors
STATIONERS—4 cs, 769 lbs, to China; 2 cs, 459 lbs, to Philippines; 57 crtns, 1,082 lbs, to Hawaii
PITCH, COALTAR—162 bbls, 40,125 lbs, Saint John, St John
POLISH, SHOE—(Saint John) 2 bxs, 193 lbs, Charlottetown; 65 cs, 2,104 lbs, Saint John; 1 cs, 61 lbs, to China; 25 crtns, 346 lbs, to Hawaii; 5 cs, 305 lbs, to Manchuria
POTASH NITRATE—1 dm, 100 lbs, Saint John, Summerside
QUASSIA CHIPS—1 bg, 100 lbs, Yarmouth, Halifax
ROSIN, POWD—1 bbl, 200 lbs, Saint John, Summerside
SENNA PODS—1 bg, 50 lbs, Saint John, St John
SOAP, FLAKE—22 cs, 735 lbs, to Hawaii; 10 cs, 334 lbs, to Philippines
MEDICATED—3 cs, 473 lbs, to Hawaii
POWDER—264 cs, 9,689 lbs, to Hawaii
TAR—660 cs, 18,750 lbs, to Philippines; 110 cs, 2,761 lbs, to Hawaii
TOILET—2,020 cs, 64,554 lbs, to Philippines; 310 cs, 6,634 lbs, to Hawaii
SODA ALUMINA SULPHATE—10 bbls, 3,350 lbs, Saint John, St John
TURPENTINE, GUM—15 dms, 5,880 lbs, Saint John, St John
WAX, SEALING—1 cs, 132 lbs, Liberty, London; 1 cs, 65 lbs, to Philippines
ZINC, STEARATE—2 crtns, 100 lbs, Saint John, Summerside

Clearance Dates

Adrastus, May 18; Black Heron, May 20; Liberty, May 20; Saint John, May 21; 26; Scythia, May 24; Yarmouth, May 23

Corpus Christi Exports

OIL, FUEL—12,158 bbls, Pajala, Hamburg
GAS—179 bbls, Teresa Odero, Italian ports
PETROLEUM, CRUDE — 72,114 bbls, Teresa Odero, Italian ports

Clearance Dates

Pajala, May 23; Teresa Odero, May 12

Galveston Exports

BLACK, CARBON — 2,240 bgs, Rydboholm, Gdynia
MOLYBDENITE—(Boschdijk) 66 tons, London; 66 tons, Antwerp
SULPHUR—1,500 tons, Delvalle, Buenos Aires; (Boschdijk) 95 tons, London; 10 bgs, Rotterdam; 3,000 tons, City of Omaha, Hamburg; 1,100 tons, Waban, Dunkirk

Clearance Dates

Boschdijk, May 25; City of Omaha, May 25; Delvalle, May 22; Rydboholm, May 25; Waban, May 26

Houston Exports

BLACK, CARBON—100 cs, 400 bgs, Monstrella, Genoa; (Boschdijk) 15 tons, London; 4 tons, Bristol; 40 tons, Antwerp; (Asuka) 90 cs, 400 bgs, Yokohama; 5 cs, Osaka; 20 cs, 4 bgs, Kobe; (Rydboholm) 102 cs, Copenhagen; 2,330 bgs, Gdynia; 800 bgs, 274 cs, City of Omaha, Bremen-Hamburg
BUTANE—1,200 tons, Agnita, Rouen
GASOLINE — 20,000 bbls, Pueblo, Havana; 53,400 bbls, Laurent Meeus, Amsterdam
OIL, GAS—2,906 tons, Agnita, Rotterdam; 9,750 tons, Telena, Hamburg; 18,500 bbls, Laurent Meeus, Amsterdam
LUBRICATING—40 bbls, Boschdijk, London; 100 dms, Asuka, Yokohama
POTASH MURIATE—700 tons, Asuka, Yokohama-Osaka-Kobe-Moji

Clearance Dates

Agnita, May 21; Asuka, May 23; Boschdijk, May 23; City of Omaha, May 26; Laurent Meeus, May 26; Monstrella, May 23; Pueblo, May 20; Rydboholm, May 23; Telena, May 25

Lake Charles Exports

ROSIN—200 bbls, Meanticut, London

Clearance Date

Meanticut, May 13

Los Angeles Exports

ACID, ACETIC—15,560 lbs, Bokuyo, Manzanillo
ASPHALT—20 dms, 9,120 lbs, Capac, Guayaquil; 100 bgs, 40,320 lbs, Soloy, Yokohama
GRITS—24,640 lbs, Wisconsin, Havre
BENTONITE—500 bgs, 11,200 lbs, Santa Paula, Porto Colombia
BLACK, CARBON — 4,690 lbs, President Hoover, Hongkong
BORATE—1,130 bgs, 167,670 lbs, President Hoover, Osaka/Yokohama; 1,340 bgs, 232,570 lbs, Amerika, Copenhagen; (Elbe) 1,510 sx, 224,110 lbs, Rotterdam; 7,558 bgs, 1,124,780 lbs, Hamburg; 9,870 bgs, 1,722,830 lbs, Bremen; (Wisconsin) 2,590 bgs, 454,380 lbs, Rouen; 5,550 bgs, 969,460 lbs, Dunkirk
BORAX—(President Garfield) 500 bgs, 112,000 lbs, Hongkong; 800 sx, 89,000 lbs, Shanghai; 500 bgs, 56,000 lbs, Elbe, Oporto; 100 bgs, 11,200 lbs, Pacific Grove, Liverpool; 60 bgs, 6,720 lbs, Tai Ping, Hongkong; 600 bgs, 67,200 lbs, Tatsuta, Yokohama/Osaka; (Innaren) 40 bgs, 4,480 lbs, Townsville; 160 bgs, 17,920 lbs, Adelaide; (Wisconsin) 800 bgs, 89,600 lbs, Rotterdam; 1,120 bgs, 135,840 lbs, Dunkirk
CEMENT, RUBBER — 4,080 lbs, President Hoover, Hongkong
CLAY, GRD—40 sx, 2,000 lbs, Elbe, Bremen
CORNFLOUR—8,400 lbs, President Garfield, Manila
GASOLINE—(Capac) 690 dms, 227,070 lbs, San Jose; 25 dms, 9,120 lbs, Champerico; 30 dms, 9,920 lbs, Tegucigalpa; 68,709 bbls, 17,933,050 lbs, Southern Sun, Manila/Cebu
INFUSORIAL EARTH—962 pkgs, 86,120 lbs, Pacific Grove, Manchester; 602 pkgs, 58,000 lbs, Axel Johnson, London; 654 bgs, 66,080 lbs, Elbe, Hamburg; 20 bgs, 2,000 lbs, Capac, Buenaventura; 200 bgs, 20,000 lbs, Santa Paula, Mazatlan; (Innaren) 672 bgs, 67,200 lbs, Adelaide; 112 bgs, 11,200 lbs, Brisbane
KEROSENE—500 cs, 42,500 lbs, Talamanca, Cristobal; (Capac) 500 cs, 42,500 lbs, Puntarenas; 25 dms, 9,120 lbs, San Jose; 45,707 bbls, 13,026,500 lbs, Southern Sun, Manila/Cebu; 500 cs, 42,500 lbs, Corneville, Pontianak; (Innaren) 400 cs, 34,000 lbs, Melbourne; 50 cs, 4,250 lbs, Sydney
LACQUER, COLORED—1,550 lbs, President Garfield, Manila
THINNER—1,450 lbs, Soloy, Shanghai
MINERAL SPTS—10 cs, 850 lbs, Capac, Puntarenas; 75 dms, 26,980 lbs, Corneville, Shanghai; 30 dms, 200 cs, 27,790 lbs, Innaren, Melbourne
MOLYBDENUM CONCE — 22,040 lbs, Axel Johnson, Gothenburg
OIL, DIESEL—(Capac) 20 dms, 7,800 lbs, Puntarenas; 25 dms, 9,980 lbs, San Jose; 10 dms, 4,060 lbs, Champerico; 4,730 bbls, 1,475,760 lbs, Corneville, Saigon; 4,926 bbls, 1,536,910 lbs, Tai Ping, Shanghai; (Nordanger) 71,955 bbls, 22,449,960 lbs, Nagasaki; 20,806 bbls, 6,491,470 lbs, Tsurumic; 14,171 bbls, 4,421,350 lbs, Zuiyo, Osaka; 7,207 bbls, 2,248,580 lbs, Soloy, Yokohama
FISH, REFD—1,990 lbs, Amerika, Kingston
FUEL—15,416 bbls, 5,133,530 lbs, Tejon, Coal Harbor; 11,833 bbls, 3,957,040 lbs, Griffco, Vancouver; 25 dms, 10,320 lbs, Corneville, Pontianak; 27,440 bbls, 9,137,520 lbs, Santa Maria, Vancouver; 25,478 bbls, 8,484,170 lbs, La Placentia, Vancouver
LEMON—490 lbs, Pacific Grove, London; 210 lbs, President Hoover, Manila
LUBRICATING—(Capac) 6 dms, 3,100 lbs, Puntarenas; 30 dms, 14,740 lbs, Manzanillo; 25 dms, 12,220 lbs, San Jose; 10 dms, 4,850 lbs, Tegucigalpa; 11 dms, 5,350 lbs, Capac, Amapala
ORANGE—40 lbs, President Hoover, Manila; 1,000 lbs, Amerika, London
SALAD—6,300 lbs, President Hoover, Manila; 4,000 lbs, Tatsuta, Yokohama
PAINT—(Corneville) 52,450 lbs, Singapore; 31,040 lbs, Haiphong
PETROLEUM, CRUDE—86,172 bbls, 26,885,660 lbs, Teiyo, Tokuyama; 54,353 bbls, 16,958,140 lbs, Tejon, Ioco; 2,270 bbls, 708,240 lbs, Rosebank, Vancouver
SACCHARIN, INSOLUBLE—300 lbs, President Garfield, Singapore
SCOURING POWDER—1,410 lbs, President Garfield, Singapore; (President Hoover) 1,130 lbs, Kobe; 830 lbs, Hongkong; 1,520 lbs, Manila
SODA ASH—2,000 bgs, 220,460 lbs, President Garfield, Bombay; (Capac) 120 bgs, 12,000 lbs, Oruro; 7,000 lbs, Puntarenas
CAUSTIC—1,580 lbs, President Hoover, Manila
SOLVENTS—50 dms, 17,640 lbs, Tai Ping, Yokohama
TALC—10 sks, 1,000 lbs, Capac, Puntarenas
TALLOW, INED—101,200 lbs, President Hoover, Yokohama; 12,210 lbs, Santa Paula, Havana
TOILET PREPS—(President Garfield) 350 lbs, Hongkong; 570 lbs, Shanghai; 200 lbs, Singapore; (President Hoover) 1,900 lbs, Hongkong; 1,400 lbs, Shanghai; 1,850 lbs, Capac, Teguicigalpa

Clearance Dates

America, May 14; Axel Johnson, May 15; Capac, May 14; Corneville, May 10; Delftdyk, May 22; Elbe, May 15; Griffco, May 13; Innaren, May 21; La Placentia, May 9; Nordanger, May 19; Pacific Grove, May 16; President Garfield, May 4; President Hoover, May 11; President Polk, May 17; Rosebank, May 20; Santa Maria, May 24; Santa Paula, May 16; Soloy, May 18; Tai Ping, May 18; Talamanca, May 16; Tatsuta, May 18; Teiyo, May 16; Tejon, May 18; Wisconsin, May 18; Zuiyo, May 19

Mobile Exports

BARYTES—6,000 bgs, Lindvangen, Port of Spain
CLAY—224 bgs, Afoundria, London; 157 bgs, Hastings, Manchester
LARD—1,000 bxs, Afoundria, Newcastle; (Hastings) 3,650 bxs, Liverpool; 200 trcs, 2,000 bxs, Manchester
MOLASSES—1 dm, Afoundria, London; 1 dm, Hastings, Liverpool
OCHER—375 bgs, Topa Topa, Bremen
OIL, PINE—100 dms, Afoundria, London; 30 dms, Hastings, Manchester
ROSIN—(Austvangen) 30 dms, Ciudad Trujillo; 80 dms, Willemstad; 23 dms, La Guaira; (Lindvangen) 100 bbls, Kingston; 3 dms, Port of Spain; 300 dms, Delvalle, Buenos Aires; 50 dms, 200 bbls, Afoundria, Newcastle; 100 bbls, Hastings, Liverpool; (Topa Topa) 700 bbls, Avonmouth; 560 bbls, Bremen; 710 bbls, Hamburg; 173 dms, Rotterdam
SCOURING COMPOUND—20 ctns, Vestvangen, Willemstad
STARCH—880 bgs, Hastings, Manchester; 432 bgs, Topa Topa, Avonmouth
TRIPOLI — 300 bgs, Hastings, Manchester; (Topa Topa) 60 bgs, Bremen; 167 bgs, Hamburg
TURPENTINE—250 cs, Delvalle, Buenos Aires; 300 bbls, Afoundria, Newcastle

Clearance Dates

Afoundria, May 16; Austvangen, May 21; Delvalle, May 25; Hastings, May 18; Lindvangen, May 25; Topa Topa, May 19

New Orleans Exports

ACID, ACETIC—60 tons, West Tacook, Manchester
ASPHALT—49 sx, 5 tons, Tortugas, Oslo; 12 tons, West Tacook, Manchester; 53 tons, Cranford, Havre
CRUDE—23 tons, Cranford, Havre
BAUXITE ORE—610 tons, Tortugas, Tyssedal
CONCENTRATES—6,170 sx, Tortugas, Tyssedal
BLACK, CARBON—(Binnendijk) 65 tons, London; 15 tons, Antwerp; 1 ton, Rotterdam; 1 ton, Antwerp/Rotterdam; (Michigan) 46 tons, Havre; 9 tons, Dunkirk; (Tanimbar) 18 cs, Penang; 600 sx, Batavia; 6 cs, Sourabaya; 10 cs, Frode, Copenhagen; 23 tons, Heroy, London; (West Tacook) 53 tons, Liverpool/Manchester; 43 tns, Manchester; (Cranford) 44 tons, Havre; 2 tons, Antwerp; 1 ton, Antwerp/Rotterdam; (West Hobomac) 10 tons, Bremen; 3 tons, Hamburg; 45 tons, Bremen/Hamburg; (Hanover) 800 sx, Yokohama; 4,300 sx, Kobe
CLAY—54 tons, West Tacook, Manchester
GROUND—27 tons, Heroy, London
COCOA WASTE—43 tons, Cranford, Rotterdam
FIRECLAY—12 dms, Vestvangen, Port of Spain
GASOLINE—9,399 tons, Vera, Genoa; 185 dms, Vestvangen, Fort de France
GRAPEFRUIT JUICE—12 tons, West Tacook, Liverpool
GREASE, LUBRICATING—3 dms, Vestvangen, Pointe a Pitre
INSECTICIDE—2 dms, Lekhaven, Baghdad
KEROSENE—(Vestvangen) 300 cs, Fort de France; 50 cs, Paramaribo; 50 cs, Moengo
LARD—4 tons, West Tacook, Liverpool
OIL, FUEL—1,200 bbls, Vestvangen, Moengo
LUBRICATING—65 bbls, Lucia C, Venice; (Michigan) 52 tons, Havre; 37 tons, Dunkirk; 6 tons, Antwerp; 13 tons, Heroy, London; 103 tons, Cranford, Havre; (Tortugas) 18 tons, Gothenburg; 100 bbls, 22 tons, Helsingfors; (Cardonia) 31 tons, Barcelona; 47 tons, Genoa; 5 dms, Vestvangen, Pointe a Pitre; (Hanover) 42 dms, Cebu; 424 dms, 1,730 ctns, Manila
MINERAL—14 tons, Michigan, Havre
PAINT—20 cs, Tortugas, Oslo
PARAFFIN—99 tons, Binnendijk, Rotterdam

PETROLATUM—5 tons, Cardonia, Barcelona
PETROLEUM—271 bbls, Lekhaven, Hamburg; 2 tons, Cranford, Havre
PHENOL—(Binnendijk) 8 tons, Antwerp; 12 tons, Rotterdam
PINETAR—10 dms, Tanimbar, Batavia; 7 tons, Cranford, Havre
ROSIN—30 bbls, Lucia C, Fiume; (Tortugas) 55 bbls, 12 tons, Gothenburg; 28 tons, 75 dms, 50 bbls, Gdynia
SODA, CAUSTIC—672 dms, Hanover, Shanghai
SOYBEAN FLOUR—20 sx, Tortugas, Oslo
STARCH—(Tortugas) 100 sx, 9 tons, Oslo; 100 sx, 10 tons, Helsingfors; 26 tons, Binnendijk, London; 93 tons, West Tacook, Manchester
CORN—55 tons, Binnendijk, Rotterdam-Amsterdam
SULPHUR—3,150 tons, Hedrun, San Nicholas
TRIPOLI—11 tons, Cranford, Havre
WAX—27 tons, Heroy, London; 202 tons, Cardonia, Genoa

Clearance Dates

Binnendijk, May 16; Cardonia, May 23; Cranford, May 20; Frode, May 21; Hanover, May 19; Hedrun, May 16; Lekhaven, May 14; Lucia C, May 25; Michigan, May 13; Tanimbar, May 22; Tortguas, May 25; Vera, May 22; Vestvangen, May 9; West Hobomac, May 18; West Tacook, May 16

Norfolk Exports

DEER TONGUE LEAVES—(Black Falcon) 3 bls, 1,150 lbs, Antwerp; 5 bls, 2,070 lbs, Rotterdam
MICA, GRD—100 bgs, 11,000 lbs, Black Falcon, Antwerp
PULVERIZED—100 bgs, 10,100 lbs, Black Falcon, Antwerp
POTASH MURIATE — 8,000 bgs, 793 tons, Lagaholm, Wiborg
SOYBEAN MEAL—1,000 bgs, 45 tons, Lagaholm, Stockholm

Clearance Dates

Black Falcon, May 18; Lagaholm, May 19

Philadelphia Exports

ACETONE—6 dms, Argentino, Buenos Aires
ACID—3 cbys, City of Dalhart, Ilollo
MURIATIC—1 pl, Black Heron, Antwerp
SULPHURIC—2 dms, Pennsylvania, Panama
ALUMINA, SULPHATE—500 bbls, City of Dalhart, Manila
AMMONIA, ANHYD—25 cyls, New Orleans, Bombay
ANTI-KNOCK COMP—42 dms, Hoegh Transporter, Genoa
ARTIST'S MATERIAL—8 cs, City of Dalhart, Manila
BENZOL—115 dms, Argentino, Buenos Aires
BLACK, BONE—65 pkgs, Port Darwin, Sydney; 6 bgs, New Orleans, Bombay
CARBON—20 dms, Tokai Maru, Osaka
CALCIUM GLUCONATE—5 bbls, Tokai, Kobe
CEMENT—4 bxs, City of Dalhart, Honolulu; 1 pkg, Manchester Exporter, Liverpool
FIBER—1 pl, 2 dms, Black Heron, Antwerp
RUBBER—1 dm, Black Falcon, Amsterdam; 4 dms, 2 pls, Black Heron, Antwerp
CHLORINE, LIQ—33 cyls, Pennsylvania, Cristobal
CLAY—33 dms, Independence Hall, Havre
COCOA BEANS, GRD—3 bbls, Pennsylvania, Colon
COLORS, COALTAR—10 dms, New Orleans, Bombay
DRUGS—8 ctns, Pennsylvania, Panama
DYEWOOD EXTRACT—19 bbls, 58 cs, Cyprla, Barcelona; (Manchester Exporter) 5 bbls, Manchester; 20 bbls, 50 cs, Liverpool
DYESTUFFS—6 bbls, Tokai, Yokohama
FIRECLAY—250 bgs, City of Dalhart, Manila
FLUORSPAR—4 bbls, Port Darwin, Sydney
GASOLINE—12,000 cs, Parnahyba, Santos
GRAPHITE—12 bbls, New Orleans, Calcutta
GREASE—1 pl, Black Falcon, Amsterdam; 9 dms, 2 pls, Black Heron, Antwerp; (Parnahyba) 30 cs, 5 bbls, 60 buckets, Rio de Janeiro; 232 cs, 100 buckets, 25 dms, Santos; 2 pkgs, Manchester Exporter, Liverpool
LUBRICATING—20 bbls, Cyprla, Barcelona; (Argentino) 10 dms, Buenos Aires; 10 kgs, Rio de Janeiro; (Pennsylvania) 40 dms, Medellin; 1 dm, San Jose; 6 dms, San Salvador; (Port Darwin) 15 bbls, 7 qtr dms, Brisbane; 9 pkgs, 31 bbls, Sydney; 35 bbls, Melbourne; 21 bbls, Adelaide; 5 bbls, 6 dms, 45 cs, Fremantle; 1 bx, City of Dalhart, Manila; 18 dms, Parnahyba, Rio de Janeiro; 7 dms, New Orleans, Bombay
INK, WRITING—9 ctns, Pennsylvania, Panama
INSECTICIDE—6 ctns, City of Dalhart, Manila
IRON OXIDE—35 bbls, Hoegh Transporter, Genoa
LICORICE MASS—(Port Darwin) 5 cs, Sydney; 5 cs, Melbourne
LINSEED CAKE—1,576 bgs, Manchester Exporter, Liverpool
LOGWOOD EXTRACT, LIQ—20 bbls, Manchester Exporter, Manchester
MEDICINAL PREPS—7 ctns, Pennsylvania, Panama
MINERAL OIL RES—28 dms, Cyprla, Marseilles; 30 bbls, Independence Hall, Havre
MINERAL SPTS—710 cs, Parnahyba, Rio de Janeiro
NAPHTHALENE, BALL—1 cs, City of Dalhart, Kahului
OIL—1 dm, Black Falcon, Amsterdam; 4 dms, Black Heron, Antwerp
COALTAR—3 dms, Independence Hall, Havre
ENGINE—(Tokai) 50 dms, Osaka; 50 dms, Moji
FUEL—3,000 cs, Parnahyba, Rio de Janeiro
ILLUMINATING—2,800 cs, Parnahyba, Santos
LONG BURNING—10 cs, Parnahyba, Rio de Janeiro
LUBRICATING—(Tokai) 275 dms, Yokohama; 10 dms, 2 cs, Osaka; (Clan Skene) 295 pkgs, Capetown; 440 pkgs, Port Elizabeth; 510 pkgs, East London; 1,290 pkgs, Port Natal; 11,871 pkgs, Lourenco Marques; 2,090 pkgs, Beira; (Cyprla) 86 dms, 839 pkgs, Casablanca; 52 bbls, Barcelona; 370 bbls, 166 pkgs, 110 dms, Marseilles; 200 pkgs, Leixoes; 926 pkgs, Lisbon; 185 bbls, Independence Hall, Havre; 160 bbls, Edam, Rotterdam; (Hoegh Transporter) 50 dms, Trieste; 80 pkgs, Genoa; 66 pkgs, Sofia; 111 pkgs, Bos Brod; 50 bbls, Exermont, Marseilles; (Argentino) 101 dms, Buenos Aires; 120 dms, Santos; 70 dms, Rio de Janeiro; 913 pkgs, Montevideo; (Pennsylvania) 36 dms, Bogota; 4 dms, 10 cs, Barranquilla; (Port Darwin) 6 dms, 90 porpails, 5 cs, 1,029 pkgs, Brisbane; 641 pkgs, 10 dms, Sydney; 92 dms, 1 cs, 14 bbls, 610 pkg, Melbourne; 448 pkgs, Adelaide; 104 dms, 67 qtr-dms, 200 porpails, 343 pkgs, Fremantle; 10 pkgs, Townsville; 25 pkgs, Cairns; 5 pkgs, Rockhampton; (City of Dalhart) 204 dms, 365 crtns, 1,495 pkgs, 285 pkgs, Iloilo; 2 dms, Shanghai; 10 pkgs, Hongkong; (Parnahyba) 155 bbls, 494 dms, 665 cs, 390 crtns, Rio de Janeiro; 483 cs, 10 buckets, Santos; (New Orleans) 25 dms, Karachi; 208 dms, Bombay; 65 dms, Madras; 35 dms, Calcutta; (Manchester Exporter) 65 dms, 150 bbls, 37 pkgs, Manchester; 350 bbls, 75 dms, Liverpool; 100 pkgs, Birkenhead; (Benedict) 65 pkgs, Bahia; 131 pkgs, Pernambuco; 165 pkgs, Cabedello
NEATSFOOT—(Cyprla) 6 bbls, Barcelona; 20 bbls, Marseilles; 12 bbls, Independence Hall, Havre
TRANSFORMER—20 cs, Parnahyba, Santos; 170 bbls, Manchester Exporter, Birkenhead
PAINT—1 cs, 9 dms, 50 pls, Black Falcon, Amsterdam; 2 dms, City of Dalhart, Manila; 1 cs, 28 dms, 132 pls, Black Heron, Antwerp; 2 pkgs, Manchester Exporter, Liverpool
PARAFFIN — 762 bgs, Cypria, Casablanca; (Pennsylvania) 10 bgs, Armenia; 200 bgs, Tumaco; 60 bbls, Parnahyba, Santos; 214 bbls, Manchester Exporter, Manchester
PIGMENT, RED, DRY—40 bbls, City of Dalhart, Manila
RESIN, COALTAR — 45 dms, Independence Hall, Havre
SAND, FILTER—(Cypria) 140 bgs, Lisbon; 67 bgs, Barcelona
SODA ASH—1 dm, Port Darwin, Sydney
ANTIMONIATE—4 bbls, Port Darwin, Sydney
TANNING EXTRACT, DRY—27 bbls, Argentino, Buenos Aires; (Port Darwin) 7 bbls, Brisbane; 1 ctn, Melbourne
LIQUID—15 bbls, Manchester Exporter, Manchester
MATERIAL, DRY—15 bbls, Tokai, Yokohama; (Pennsylvania) 1 keg, Chitra; 8 bbls, Lima; 15 bbls, Port Darwin, Melbourne
TITANIUM DIOXIDE—160 bbls, Manchester Exporter, Manchester
VARNISH—1 pkg, Manchester Exporter, Liverpool

Clearance Dates

Argentino, May 25; Benedict, May 30; Black Falcon, May 22; Black Heron, May 28; City of Dalhart, May 23; Clan Skene, May 20; Cypria, May 22; Edam, May 26; Exermont, May 23; Hoegh Transporter, May 25; Independence Hall, May 22; Manchester Exporter, May 28; New Orleans, May 26; Parnahyba, May 28; Pennsylvania, May 23; Port Darwin, May 23; Tokai, May 21

Port Arthur Exports

ASPHALT—3 cs, Tillie Lykes, Cristobal
LIQUID—(Clearwater) 5 cs, 2 bxs, Cabedello; 3 dms, 15 cs, 4 bxs, Pernambuco; 3 cs, 1 bx, Maceio; 10 cs, 3 bxs, Bahia
DRESSING WAX, LIQ—2 cs, Cathlamet, Accra
GASOLINE — (Cathlamet) 100 cs, 140 dms, Lagos-Apapa; 3,500 cs, Canakry; 2,000 cs, Kribi; 10,200 cs, Port Bouet; 1,750 cs, Sassandra; 2,000 cs, Warri; 3,050 cs, Winnebah; 1,000 cs, Sherbro; 200 cs, Leopoldville; 9,604 cs, Takoradi; 1,500 cs, Sapele; 2,000 cs, Port Harcourt; 2,050 cs, Duala; 860 cs, St Vincent; 2,900 cs, Lobito; 1,000 cs, Freetown; 2,150 cs, Salt Pond; 5,000 cs, 700 dms, Dakar; 3,000 cs, 600 dms, Luando; 3,050 cs, Cape Coast; 1,500 cs, Marshall; (Tillie Lykes) 500 cs, Amapala; 100 bbls, Panama City; (Clearwater) 20,000 cs, Cabedello; 4,000 cs, Pernambuco; 9,000 cs, Bahia; 3,000 cs, Montevideo; 50 dms, Athelmonarch, Buenos Aires; (San Luis) 100 dms, 50 bbls, Puerto Cortez; 100 bbls, Ceiba
GREASE, LUBRICATING — (Cathlamet) 10 dms, 35 cs, Lagos-Apapa; 60 cs, Conakry; 50 cs, 5 dms, Port Bouet; 10 cs, 10 dms, Accra; 185 dms, 94 cs, Leopoldville; 8 dms, Takoradi; 50 dms, 175 cs, Bunia; 50 cs, 25 dms, Las Palmas; 75 cs, Teneriffe; 20 cs, Freetown; 10 dms, Kusnasi; 15 dms, 75 cs, Dakar; (Tillie Lykes) 21 dms, 18 cs, 15 pls, Cristobal; 7 dms, 15 cs, Puntarenas; 2 dms, Limon; (Clearwater) 95 cs, Cabedello; 15 bbls, 5 dms, 65 cs, Pernambuco; 50 cs, Maceio; 5 cs, Bahia; 5 dms, 10 cs, Montevideo; 10 bbls, 8 dms, 23 cs, Athelmonarch, Buenos Aires; (Solitaire) 215,589 lbs, 240 dms, 101 cs, 2 bbls, Antwerp; 20 bbls, 10 dms, Rouen
KEROSENE—(Cathlamet) 3,100 cs, Lagos-Apapa; 1,500 cs, Conakry; 4,400 cs, Port Bouet; 12,605 cs, Accra; 250 cs, Sassandra; 2,000 cs, Lome; 1,500 cs, Warri; 750 cs, Winnebah; 850 cs, Sherbro; 1,200 cs, Leopoldville; 4,000 cs, Takoradi; 500 cs, Sapele; 1,000 cs, Port Harcourt; 500 cs, Duala; 2,200 cs, St Vincent; 1,500 cs, Las Palmas; 200 cs, Lobito; 3,300 cs, Freetown; 800 cs, Salt Pond; 3,000 cs, Dakar; 500 cs, 25 dms, Luando; 600 cs, Cape Coast; (Tillie Lykes) 25 bbls, Colon; 200 cs, Amapala; 25 cs, 16 dms, Puntarenas; (Clearwater) 6,000 cs, Cabedello; 10,000 cs, Pernambuco; 7,500 cs, Macelo; 5,200 cs, Bahia; 800 cs, Montevideo; (Athelmonarch) 226 cs, 56 dms, Buenos Aires; 18 cs, Rosario; 60 dms, San Luis, Ceiba
OIL, DIESEL—(Cathlamet) 60 dms, Kribi; 60 dms, Accra; 50 dms, Sassandra; 10 dms, Lome; 40 dms, Winnebah; 150 dms, Sherbro; 100 dms, Leopoldville; 300 dms, Duala; 70 dms, Freetown
FUEL—68,689 bbls, Atlas, Cristobal
LUBRICATING—(Cathlamet) 20 dms, 25 cs, Lagos-Apapa; 102 cs, Conakry; 20 cs, Kribi; 70 dms, 100 cs, Port Bouet; 370 dms, 15 cs, Accra; 20 dms, Sassandra; 2 dms, Lome; 5 dms, Warri; 10 dms, 10 cs, Winnebah; 10 dms, Sherbro; 149 dms, 285 cs, Leopoldville; 55 dms, 30 cs, Takoradi; 45 dms, 50 cs, Punia; 5 dms, 40 cs, Duala; 60 dms, 75 cs, Las Palmas; 10 dms, Teneriffe; 112 dms, Lobito; 20 cs, 5 dms, Freetown; 50 dms, Salt Pond; 40 dms, 5 cs, Kusnasi; 83 dms, 152 cs, Dakar; 76 dms, 40 cs, Luando; 40 dms, Cape Coast; (Tillie Lykes) 6 dms, Colon; 55 dms, 16 cs, Cristobal; 17 dms, Puntarenas; 6 dms, Limon; 20 dms, Puerto Colombia; (Clearwater) 20 dms, 8 bbls, 25 cs, Cabedello; 100 cs, Pernambuco; 50 cs, Macelo; 20 cs, 200 bbls, 25 dms, Bahia; 59 dms, 160 cs, Montevideo; (Athelmonarch) 250 bbls, 919 dms, 50 cs, Buenos Aires; 68 dms, 1 cs, Rosario; 19,120 bbls, Caroline Maersk, Copenhagen; (Solitaire) 19,701 bbls, 56 dms, Antwerp; 8,815 bbls, 108 dms, 38 wdn bbls, Rouen
PETROLEUM, CRUDE—79,079 bbls, Mendocino, Montreal; 91,251 bbls, Athelmonarch, Buenos Aires; 80,014 bbls, Davanger, Montreal
SAMPLES—3 bbls, 2 dms, Athelmonarch, Buenos Aires
POLISH, AUTO—(Cathlamet) 1 cs, Accra; 2 cs, Las Palmas
SOLVENT, PAINT—10 cs, Cathlamet, Leopoldville; 3 dms, Tillie Lykes, Cristobal; (Clearwater) 5 cs Cabedello; 30 cs, Pernambuco; 50 cs, 10 dms, Montevideo
WAX—82 bgs, Tillie Lykes, Buenaventura

Clearance Dates

Athelmonarch, May 6; Atlas, May 5; Caroline Maersk, May 8; Cathlamet, April 18; Clearwater, May 2; Davanger, May 8; Mendocino, May 5; San Luis, May 7; Solitaire, May 11; Tillie Lykes, April 29

San Francisco Exports

ACETONE—130 dms, Golden Sun, Osaka
ACID, ACETYLSALICYLIC — (President Hoover) 6 cs, Shanghai; 2 cs, Hongkong
FATTY—200 sx, Elbe, Manta; 100 sx, Santa Paula, San Jose
MURIATIC—1 cs, Capac, La Union
NITRIC—1 cs, Capac, La Union; 1 cs, Santa Paula, Puerto Colombia
ACID, SALICYLIC—(President Hoover) 11 cs, Shanghai; 10 kgs, Hongkong
ALUMINA SULPHATE—800 sks, Admiral Halstead, Ocean Falls
AMMONIA—5 cs, President Hoover, Manila
ANTISEPTIC—2 cs, President Hoover, Yokohama; 2 cs, Bintang, India
APRICOT KERNELS—50 sks, Axel Johnson, Malmo
ASPHALT—2,465 dms, Golden Harvest, San Juan; 160 dms, Capac, Callao; 168 dms, Golden Dragon, Saigon; 34 bbls, Talamanca, Canal Zone; 5 bbls, Santa Paula, La Libertad; (President Hoover) 120 dms, Hongkong; 134 bbls, Shanghai; 201 dms, Golden Sun, Tientsin; (Bintang) 380 bbls, Samarang; 3,035 dms, Bombay; 125 dms, Singapore; 2,629 bbls, Corneville, Batavia
CRUDE—275 sks, Washington, France
GRITS—48 sks, General Lee, Tokyo
BAKING POWDER—1 cs, Capac, San Miguel; 3 cs, President Hoover, Shanghai
BLACK, CARBON—2 cs, Golden Dragon, Yokohama; 128 cs, Bintang, Batavia
BLUE, LAUNDRY—2 cs, President Hoover, Manila
VITRIOL—30 dms, Ruth Alexander, Canada; 1 cs, Santa Paula, Mazatlan
BOILER COMP—17 dms, President Hoover, Fukow
BONE ASH—1 dm, Santa Paula, Buenaventura
BORAX—10 cs, Capac, La Union; (Santa Paula) 1 cs, Buenaventura; 15 sks, Mazatlan; 5 cs, President Hoover, Manila
BRONZING LIQUID—5 cs, President Hoover, Tientsin
CALCIMINE—(Golden Harvest) 4 bbls, 20 cs, 18 kgs, San Juan; 24 cs, 3 kgs, Mayaguez; 23 cs, Santa Paula, San Jose; 8 cs, Golden Sun, Tientsin
CARBON BISULPHIDE—(Capac) 10 dms, Guatemala City; 100 dms, Corinto; 1 cs, La Union
CATTLE HORNS—32 sx, Golden Dragon, Osaka
CEMENT, LIQ—1 cs, Capac, Mexico
MAGNESIA—150 sks, President Hoover, Manila
ROOF—(Santa Paula) 2 cs, La Libertad; 2 cs, San Jose de Guatemala
VULCANIZING—4 cs, Santa Paula, Havana
CHARCOAL, ANIMAL — 50 sks, President Hoover, Manila
CHEMICALS, LIQ—3 cs, Golden Dragon, Yokohama
CHLORINE BLEACH, LIQ—10 cs, President Hoover, Manila
CINNAMON—(Capac) 42 bls, Champerico; 2 bls, San Miguel; (Santa Paula) 5 bbls, San Jose de Guatemala; 1 bl, Acajutla
CLAY FILTER—5,000 sx, Capac, Talara
CLEANING COMP—(President Hoover) 3 cs, Yokohama; 7 cs, Tientsin
CLEANSER, HOUSEHOLD—5 cs, President Hoover, Hongkong; 15 cs, Bintang, Iloilo
CLOVES—(Santa Paula) 2 sx, Buenaventura; 3 sks, San Jose de Guatemala
COALTAR—4 dms, Santa Paula, La Libertad
INTERMEDIATES—5 dms, President Hoover, Osaka
COCOA BEANS—29 sks, Pacific Grove, London
COLLODION—1 dm, Bintang, Manila
COLOR, DRY—1 bbl, Santa Paula, San Jose de Guatemala; 3 bbls, President Hoover, Osaka; 600 lbs, Golden Harvest, San Juan
CREOSOTE—10 cs, Santa Paula, Mazatlan
DENTIFRICES—25 cs, President Hoover, Hongkong
DRYER, LIQ—2 cs, Golden Mountain, Bangkok
ETHER, PETROLIC—1 cs, Golden Sun, Tientsin
FIRECLAY—1 cs, Santa Paula, Buenaventura; 250 dms, President Hoover, Philippine Islands
FISHMEAL—200 sks, President Hoover, Manila
FREEZING COMP—20 dms, President Hoover, Chefoo
GASOLINE—1 cs, Capac, Guayaquil; (Golden Dragon) 1,998 dms, Bahrein; 5,000 cs, 400 dms, Kohsichang; 400 dms, Hongkong; 600 dms, Golden Sun, Taku Bar
GLUE—1 cs, Rialto, Vancouver
DRY—2 cs, President Hoover, Manila
GOLD, COLLODIAL SOLUTION—2 cs, President Hoover, Philippine Islands
GREASE, LUBRICATING—5 dms, 5 cs, 90 pls, Capac, Manzanillo; (Golden Dragon) 11 cs, 102 dms, 30 half dms, Bahrein; 12 dms, Saigon; 15 pls, 2 dms, Santa Paula, Mazatlan; (President Hoover) 10 dms, Shanghai; 30 dms, Yokohama; 5 dms, Manila; (Golden Sun) 75 dms, Osaka; 50 dms, 10 cs, Dairen; (Bintang) 1 cs, Batavia; 2 dms, 2 cs, Sourabaya-Samarang-Batavia; 100 dms, Innaren, Australia
GUM, ELEMI—30 cs, Santa Paula, Havana
HOPS—4 bls, Santa Paula, Mazatlan; 2 cs, President Hoover, Manila
INK, MIMEOGRAPH—1 cs, President Hoover, Chinnampo
PRINTING—(President Hoover) 31 pls, 6 half bbls, 7 cs, Manila; 1 cs 2 half bbls, Yokohama; 6 dms, Ruth Alexander, Victoria
INSECTICIDE—3 dms, Santa Paula, Puerto Colombia; (Bintang) 37 cs, Batavia; 11 cs, Sourabaya; 4 cs, Samarang
KEROSENE—(Golden Sun) 6 dms, Tsingtao; 13 cs, Taku Bar; 650 dms, Innaren, Australia
LACQUER—(Capac) 2 pls, Guadalajara; 7 pls, Mexico; 9 cs, Golden Dragon, Bangkok; 1 cs, Santa Paula, La Libertad; 1 pkg, President Hoover, Hongkong
SURFACER—1 cs, Golden Dragon, Bangkok
THINNER—1 dm, Golden Dragon, Bangkok; 1 dm, Santa Paula, La Libertad
LARD—500 tins, Nelson Traveler, San Juan; 17 cs, President Hoover, Manila
SUBSTITUTE—3 cs, Santa Paula, San Salvador; 2 cs, President Hoover, Yokohama
VEGETABLE—2,000 tins, Nelson Traveler, San Juan
LEAD, RED—250 kgs, President Hoover, Manila
RED, DRY—3 kgs, Santa Paula, San Jose de Guatemala
WHITE—6 crts, Capac, Amapala; 10 kgs, Santa Paula, San Jose de Guatemala; 400 kgs, President Hoover, Manila
WHITE, DRY—1 keg, Santa Paula, San Jose de Guatemala
LITHARGE—(Santa Paula) 1 cs, Buenaventura; 12 kegs, Santa Paula, La Libertad
DRY—2 dms, President Hoover, Manila
LUBRICANTS—1 cs, Capac, Lobitos
MARGARIN, VEGETABLE — 400 cs, Felix Taussig, San Juan
MEDICINAL PREPS — 1 cs, Santa Paula, Guayaquil; 10 cs, President Hoover, Tokio
METHYL SALICYLATE — 2 dms, President Hoover, Hongkong
MILK POWDER—5 bbls, President Hoover, Manila
MINERAL SPTS—790 dms, Innaren, Australia
NAPHTHA—30 dms, Golden Dragon, Hongkong
NUTMEGS—1 bg, Capac, San Miguel
OCHER—166 bbls, President Hoover, Kobe
OIL, CHINAWOOD—266 dms, Elbe, Hamburg
COCONUT—20 dms, Capac, Puntarenas; (Santa Paula) 5 dms, San Jose de Guatemala; 5 dms, Guatemala City;
COTTONSEED—(President Hoover) 75 cs, Manila; 50 dms, Tawau
DIESEL—31,572 bbls, San Ramon, Japan; 350 tons, Corneville, Shanghai
FISH, FLAKE—18 sks, Elbe Manta; 100 sks, Santa Paula, San Jose de Guatemala
FISH HARDENED—100 bls, Santa Paula, San Jose de Guatemala
FUEL—3 dms, Santa Paula, La Libertad; 6 dms, Golden Sun, Tsingtao
GAS—1 cs, Golden Dragon, Yokohama
LINSEED—1 dm, Capac, Amapala
LINSEED, BOILED—1 dm, President Hoover, Manila
LUBRICATING—5 dms, Felix Taussig, Port au Prince; (Capac) 45 dms, 1 cs, Guayaquil; 237 dms, 168 cs, Manzanillo; 5 dms, La Union; 10 dms, Puntarenas; (Golden Dragon) 87 dms, 3 cs, Yokohama; 280 dms, 4 cs, Bahrein; 1,400 dms, Hongkong; 680 dms, Bangkok; 15 dms, Manila; 1 cs, 29 dms, Saigon; 97 dms, Iloilo; 180 dms, Cebu; (Talamanca) 3 dms, Colon; 5 dms, Coco Solo; 100 dms, Pacific Grove, London; (Santa Paula) 95 dms, 10 cs, Mazatlan; 30 dms, La Libertad; (President Hoover) 2 dms, Tokyo; 87 dms, Shanghai; 215 dms, 120 cs, Kobe; 100 dms, Takao; 29 dms, Tientsin; (Golden Sun) 50 dms, 1 cs, Taku Bar; 165 dms, 20 pls, 10 cs, Dairen; (Bingtang) 20 dms, Macassar; 8 dms, Menado; 126 dms, 4 qtr dms, Sourabaya-Samarang-Batavia; 1 cs, India; 100 dms, Karachi; 225 dms, Madras; 200 dms, Bombay; 125 dms, Port Swettenham; 50 dms, Penang; 3 cs, 200 dms, Singapore; 34 dms, Sourabaya; 250 dms, Admiral Halstead, Ocean Falls; 970 dms, 25 cs, Corneville, Shanghai; 593 dms, Innaren, Australia
MOTOR—1 cs, President Hoover, Yokohama
SALAD—(President Hoover) 4 cs, Hongkong; 12 cs, Dairen; 60 cs, Manila; 17 cs, Bintang, Iloilo
SYNTHETIC—(President Hoover) 3 dms, Kobe; 4 dms, Osaka; 2 dms, Yokohama
ORANGE PEELS—2 bdls, President Hoover, Manila
PAINT—93 cs, Willkeno, San Juan; (Golden Harvest) 10 pls, San Juan; 44 cs, Ponce; 1 pl, Mayaguez; 12 cs, Felix Taussig, San Juan; 50 pls, 20 dms, Capac, Mexico; (Santa Paula) 5 cs, La Libertad; 21 cs, 1 keg, San Jose de Guatemala; (President Hoover) 1 cs, Hongkong; 2 dms, Tokyo; 43 cs, Manila
ASPHALT—5 cs, Talamanca, Colon; 5 cs, Bintang, Manila
ENAMEL—6 cs, Capac, Mexico; 2 cs, Golden Sun, Tientsin
LIQUID—9 dms, Santa Paula, La Paz; 1 cs, President Hoover, Tientsin; 6 cs, 10 pls, Golden Sun, Tientsin
PASTE—(Santa Paula) 1 cs, La Libertad; 1 cs, San Jose de Guatemala
PREPARED—22 cs, Capac, Buenaventura; 69 cs, Golden Dragon, Bangkok; 46 kegs, 15 cs, President Hoover, Manila
SEALER—1 cs, Golden Dragon, Bangkok
SURFACER—1 cs, Golden Dragon, Bangkok
THINNER—1 dm, Santa Paula, La Libertad; 1 pl, Capac, Mexico
PECTIN, FRUIT—5 cs, President Hoover, Shanghai
PEPPER—2 sks, Capac, San Miguel; (Santa Paula) 12 sks, San Jose de Guatemala; 1 bg, Santa Paula, San Salvador
PETROLATUM—15 pls, 8 dms, Capac, Manzanillo
PETROLEUM—100 dms, President Hoover, Kobe
50 dms, Golden Sun, Dairen
CRUDE—46,000 bbls, San Ramon, Japan
REFINED—500 cs, Capac, La Union; (Golden Dragon) 4 dms, Yokohama; 1 cs, Bangkok
PHENOL—(President Hoover) 3 cs, Shanghai; 3 bbls, Hongkong
POLISH, AUTO—1 cs, President Hoover, Yokohama; 1 cs, Bintang, Belawan
FURNITURE—1 cs, Santa Paula, San Jose de Guatemala
METAL—50 cs, Golden Dragon, Manila; 5 cs, President Hoover, Manila
SHOE—137 cs, President Hoover, Manila
POLISHING MATERIAL — 1 cs, President Hoover, Shanghai
POTASH, ETHYL XANTHATE—160 dms, Innaren, Australia
XANTHATE—15 dms, President Hoover, Manila
SALT—300 cs, Golden Harvest, San Juan; (Capac) 16 cs, Manzanillo; 5 cs, Guadelajara; (President Hoover) 2 bls, 17 cs, Manila; 12 cs, Hongkong; 2,000 tons, Golden Sun, Japan
SHELLAC—10 cs, President Hoover, Tientsin
DRY—5 sks, 1 cs, Santa Paula, La Libertad
SILICA SAND—10 sks, Bintang, Manila
SOAP—10 cs, Santa Paula, Panama; 1 dm, 2 cs, President Hoover, Manila; 40 cs, Bintang, Manila
FLAKE—(President Hoover) 3 cs, Hongkong; 3 cs, Manila
HAND—3 cs, President Hoover, Manila
LAUNDRY—(Felix Taussig) 705 cs, San Juan; 1,320 cs, Mayaguez; 2 cs, President Hoover, Manila; 1,000 cs, Bintang, Manila
POWDER—2 cs, President Hoover, Shanghai
TOILET—6 cs, President Hoover, Yokohama; 50 cs, Bintang, Manila
SODA—(President Hoover) 10 cs, Shanghai; 75 cs, Hongkong
ASH—(Capac) 2 bbls, Puntarenas; 5 sks, Capac, La Union; 2 cs, Santa Paula, Buenaventura; 800 sks, Admiral Halstead, Ocean Falls
BICARBONATE—1 cs, Santa Paula, San Jose de Guatemala; 5 cs, President Hoover, Pyengyang
CAUSTIC—10 dms, Capac, San Jose de Guatemala; (Santa Paula) 5 dms, Guatemala City; 60 dms, Mazatlan
COMPOUND—4 cs, Santa Paula, Chile
SILICATE—2 dms, Capac, Amapala
SOLVENT, DRAIN-PIPE—5 cs, President Hoover, Manila
PETROLEUM—(Golden Dragon) 4 dms, Yokohama; 138 dms, Osaka
STARCH, CORN—2 cs, President Hoover, Hongkong
LAUNDRY—2 cs, President Hoover, Pyengyang
POTATO—1 sk, Santa Paula, Barranquilla
SULPHUR, REFD—(Bintang) 66 sks, Batavia; 40 bbls, Bintang, Manila
SUBLIMED—30 sks, Bintang, Manila
SULPHUR DIOXIDE—11 cyls, Admiral Halstead, Ocean Falls
FLOWERS—336 sks, Innaren, Australia
TALLOW—1 dm, Capac, Amapala; 4 dms, Elbe, Manta; (Santa Paula) 5 dms, San Jose de Guatemala; 225 dms, Havana
TAPIOCA—4 bgs, Santa Paula, San Jose de Guatemala
TOILET PREPS—(President Hoover) 6 cs, Osaka; 42 cs, Hongkong; 4 cs, Bangkok; 42 cs, Shanghai; 810 cs, Manila; 1 cs, Tokyo; 5 cs, Yokohama; 84 cs, Bintang, India; (Santa Paula) 3 cs, Ancon; 1 cs, La Libertad
TURPENTINE—3 cs, Golden Dragon, Bangkok
VANILLA BEANS—25 cs, Elbe, Hamburg
EXTRACT—1 cs, Santa Paula, San Jose de Guatemala; 4 cs, President Hoover, Shanghai; 1 cs, Corneville, Saigon
VARNISH—7 cs, 2 dms, 1 kg, Santa Paula, La Libertad; (President Hoover) 8 dms, Chinnampo; 14 cs, Manila; 40 dms, Philippine Islands
ASPHALT—19 cs, President Hoover, Philippine Islands; 5 cs, Bintang, Manila
WATER, MINERAL—300 cs, President Hoover, Manila
WAX, FLOOR—2 cs, Golden Sun, Tientsin
YEAST—1 pkg, Talamanca, Puerto Armuelles; (President Hoover) 8 cs, Shanghai; 100 cs, Yokohama; 140 cs, Kobe; 16 cs, Manila; 10 sks, Bintang, Manila

ZINC DUST—(Capac) 62 cs, Amapala; 250 dms, Capac, Manzanillo

Clearance Dates

Admiral Halstead, May 16; Axel Johnson, May 13; Pintang, April 16; Capac, May 12; Corneville, May 16; Elbe, May 13; Felix Taussig, May 9; General Lee, May 18; Golden Dragon, May 12; Golden Harvest, May 6; Golden Sun, May 16; Innaren, May 18; Pacific Grove, May 14; President Hoover, May 15; Rialto, May 13; Ruth Alexander, May 19; San Ramon, May 16; Santa Paula, May 15; Talamanca, May 14; Washington, May 16; Willkeno, May 7

Savannah Exports

CLAY—2,640 bgs, Saccarappa, Liverpool-Manchester; 2,520 bgs, Shickshinny, Liverpool-Manchester

OIL, PINE—5 dms, Tampa, Helsingfors; (Tanimbar) 1 dm, Singapore; 15 dms, Batavia; 5 dms, Samarang

ROSIN, GUM—460 bbls, Saccarappa, Manchester; (Tampa) 555 bbls, Oslo; 25 bbls, Stavanger; 290 bbls, Gothenburg; 450 bbls, Copenhagen; 220 bbls, Helsingfors; 136 bbls, Riga; (Shickshinny) 50 bbls, Liverpool; 760 bbls, Hamburg; (Nailsea Court) 384 bbls, London; 1,420 bbls, Rotterdam; 2,295 bbls, Hamburg; 750 bbls, Riga; (San Gabriel) 100 dms, Valparaiso; 32 dms, Magallanes; (Tanimbar) 120 bbls, Bangkok; 400 bbls, Batavia; 50 bbls, Tjilatjap; 55 bbls, Padang; 450 bbls, Cheribon; 600 bbls, Samarang; 1,150 bbls, Sourabaya

SIZE—184 bgs, Nailsea Court, Rotterdam

WOOD—125 bbls, Tampa, Wiborg; (Tanimbar) 20 dms, Olehleh; 30 dms, Belawan

ROSIN, WOOD (Continued):—
Deli; 50 dms, Singapore; 400 dms, Batavia; 10 dms, Benkoelen; 50 dms, Padang; 130 dms, Cheribon; 300 dms, Samarang; 300 dms, Soerabaya; 5 dms, Balik Papan; 50 dms, Macassar

SOLVENT—10 dms, Tampa, Stockholm

TURPENTINE, GUM—255 bbls, Shickshinny, Hamburg; (Tampa) 50 bbls, Oslo; 25 bbls, Stockholm; 150 bbls, Copenhagen; (Nailsea Court) 226 bbls, Rotterdam; 600 bbls, London; 20 dms, Tanimbar, Penang; 500 bbls, Saccarappa, Manchester

Clearance Dates

Elizabeth, May 21; Saccarappa, May 23; San Gabriel, May 28; Shickshinny, May 28; Tampa, May 26; Tanimbar, May 29

Tampa Exports

GASOLINE—28 dms, Nunoca, Georgetown

OIL, GRAPEFRUIT—2 cs, Topa Topa, Rotterdam

PHOSPHATE—3,007 tons, Istria, Tarragona; 4,593 tons, Asuka, Yokohama; 4,003 tons, Montreal, Yokohama; 7,311 tons, North Cornwall, Montreal; 3,149 tons, Idarwald, Rotterdam

VARNISH—1 crt, Cuba, Havana

WAX, FLOOR—1 crt, Cuba, Havana

Clearance Dates

Asuka, May 19; Cuba, May 20; Idarwald, May 20; Istria, May 19; Montreal, May 19; North Cornwall, May 24; Nunoca, May 25; Topa Topa, May 15

Shipments Between Domestic Ports

Corpus Christi Coast Trade

GASOLINE—71,846 bbls, C A Canfield, Baytown; 80,179 bbls, Halsey, Baytown

OIL, FUEL—42,610 bbls, Norman Bridge, Baytown

PETROLEUM CRUDE—72,870 bbls, Oregon, Port Arthur; 149,335 bbls, Wm Rockefeller, Baytown; 111,142 bbls, E T Bedford, Baytown; 77,062 bbls, Dean Emery, Baytown; 65,969 bbls, Beta, Texas City; 76,514 bbls, Dungannon, Port Arthur; 73,261 bbls, Joseph Seep, Baytown; 144,539 bbls, G Harrison Smith, Baytown; 46,184 bbls, Dannedaike, Texas City; 64,679 bbls, Hadnot, Baytown; —(Dungannon) 76,514 bbls, Port Arthur; 73,333 bbls, Port Neches; 137,000 bbls, W S Farish, Baytown; 33,302 bbls, Federal, Houston; 149,401 bbls, John D Archbold, Baytown; 138,900 bbls, Charles G Black, Baytown; 109,823 bbls, J A Moffett Jr, Baytown

Los Angeles Coast Trade

GASOLINE — 68,100 bbls, Lebec, Portland; 55,664 bbls, Arizona, Seattle; 3,895 bbls, S & C No 41, San Diego; 77,000 bbls, Baldbutte, New York

KEROSENE—74,000 bbls, Camden, Sewaren

OIL, DIESEL—7,200 bbls, Lebec, Portland

FUEL—7,700 bbls, Lebec, Portland; 15,755 bbls, La Brea, Seattle; 34,672 bbls, Capt A F Lucas, Willbridge

New Orleans Coast Trade

OIL, FISH—20 dms, Hanover, Galveston

San Francisco Coast Trade

ACID—50 dms, West Shipper, Long View

CITRIC—12 tons, F J Luckenbach, New York

SULPHURIC—110 dms, Lena Luckenbach, Tacoma

ALCOHOL, DEN—3 cs, Pennsylvanian, Seattle

ALUMINUM SULPHATE—300 sks, West Shipper, Long View

ASPHALTUM—85 dms, A T Swanson, Wilmington, Cal

BONE MEAL—500 sks, Ernest H Meyer, Portland, Ore

BRISTLES—13 cs, F J Luckenbach, New York

CARBON TETRACHLORIDE—1 dm, Pennsylvanian, Seattle

CASEIN—23 tons, Kansan, Boston
23 tons, Texan, Boston
32 tons, F J Luckenbach, Boston
12 tons, F J Luckenbach, New York

CHEMICALS—3 cs, Point Estero, Houston

CHLORINE BLEACH, LIQUID—3,000 cs, Kansan, Norfolk
1,000 cs, Hamlin F McCormick, Tacoma

CLAY, CALCINED—45 tons, Texan, New York

CLEANING POWDER—100 cs, Pennsylvanian, Seattle

COCONUT, DESIC—11 tons, Kansan, Boston
567 cs, Paul Luckenbach, Philadelphia
125 cs, Paul Luckenbach, Boston
2,002 cs, Paul Luckenbach, New York
208 cs, F J Luckenbach, Boston
668 cs, F J Luckenbach, New York

CRACKLINGS—500 sks, Hamlin F McCormick, Portland, Ore

CREAM TARTAR—14 tons, F J Luckenbach, Boston

DRESSING, SHOE — 20 cs, Pennsylvanian, Seattle

ETHYL KETONE—20 tons, F J Luckenbach, New York

FIG PASTE—15 tons, Kansan, Norfolk

FIRE EXTINGUISHER CHARGES — 4 cs, Pennsylvanian, Seattle

GLUE, DRY—18 tons, Plow City, Norfolk

GLYCERIN—27 tons, Texan, Port Newark

GUM, DAMMAR—18 tons, Texan, Port Newark

HAIR PREPS—14 tons, Texan, New York

HEMPSEED—22 tons, Texan, Philadelphia

INK—79 dms, A T Swanson, San Diego

INSECTICIDE—2 cs, Pennsylvanian, Seattle
2 pls, 1 dm, Iowan, Portland, Ore

LACQUER—11 cs, Pennsylvanian, Seattle

THINNER—1 keg, Pennsylvanian, Seattle
4 dms, Pennsylvanian, Tacoma

LACTO MILK—100 sks, Point Estero, Houston

LARD SUBSTITUTE—45 dms, 10 cs, Pennsylvanian, Seattle

VEGETABLE—7 tons, San Lucas, Wilmington, N C
18 tons, San Lucas, Baltimore

LIME—1,800 sks, Hamlin F McCormick, Seattle

MAGNESITE—262 tons, Kansan, Philadelphia
39 tons, Paul Luckenbach, New York
52 tons, F J Luckenbach, New York

MAGNESIA SULPHATE — 1 dm, Pennsylvanian, Seattle

MATCHES—44 cs, Pennsylvanian, Seattle

MEDICINAL PREPS—30 cs, Pennsylvanian, Seattle
17 cs, Iowan, Portland, Ore

MENTHOL—155 cs, F J Luckenbach, New York

MILK POWDER—21 tons, Kansan, New York
39 tons, Paul Luckenbach, New York
20 tons, Texan, New York

NAPHTHALENE FLAKES—1 cs, Pennsylvanian, Seattle

NAVAL STORES—1,000 pkgs, A T Swanson, San Diego

OIL—900 pkgs, Hamlin F McCormick, Seattle
70 bbls, Point Estero, New Orleans
1 dm, Iowan, Portland, Ore
1,100 pkgs, West Shipper, Linton
70 pkgs, Nabesna, Wilmington, Cal

CHINAWOOD—25 dms, F J Luckenbach, Philadelphia

FUEL—4,500 bbls, Admiral Senn, Seattle
2,100 bbls, Admiral Halstead, Seattle

HEMPSEED—15 tons, Kansan, New York

LUBRICATING—2 cs, Pennsylvanian, Seattle
215 cs, 55 dms, Pennsylvanian, Tacoma
48 tons, Texan, Port Newark
14 tons, F J Luckenbach, Boston
14 tons, F J Luckenbach, New York
16 tons, San Lucas, Baltimore

PAINT—15 qtr dms, 72 pls, 1 dm, 58 cs, Pennsylvania, Seattle
51 cs, Pennsylvania, Tacoma
100,000 lbs, Admiral Halstead, Seattle

ALUMINUM—4 dms, Pennsylvanian, Tacoma

DRY—5 sks, Point Estero, Houston

REDUCING COMP—16 tons, Texan, Philadelphia

REMOVER—2 cs, Pennsylvanian, Tacoma

PEANUTS, UNSHELLED — 300 sks, F J Luckenbach, Boston

PEROXIDE—22 tons, Texan, New York

PYRETHRUM FLOWERS—75 bls, F J Luckenbach, New York

RAPESEED—250 sks, F J Luckenbach, New York

SALT—543 pkgs, A T Swanson, San Diego
1,500 pkgs, Hamlin F McCormick, Seattle
240 sks, Hamlin F McCormick, Tacoma
2,800 pkgs, Hamlin F McCormick, Portland, Ore
1,200 pkgs, Ernest H Meyer, Portland, Ore
600 sks, Ernest H Meyer, Portland, Ore
500 pkgs, West Shipper, Astoria

SESAME SEED—200 sks, F J Luckenbach, New York

SHELLAC—1 cs, Pennsylvanian, Tacoma

SOAP—1,200 cs, Hamlin F McCormick, Tacoma

SODA SILICATE—50 dms, Harry Luckenbach, Tacoma

SOLVENT, CLEANING—1 dm, Point Estero, Houston

SPRAY, TREE—125 dms, Hamlin F McCormick, Seattle
50 dms, Hamlin F McCormick, Portland, Ore
1,900 cs, Ernest H Meyer, Portland, Ore
3,000 cs, 800 dms, West Shipper, Portland, Ore

STAIN—3 cs, Pennsylvanian, Tacoma

TALLOW—27 tons, F J Luckenbach, New York
42 tons, Plow City, Jacksonville

TANKAGE—510 sks, San Lucas, Baltimore

TOILET PREP'S—7 cs, Pennsylvanian, Seattle
46 cs, Point Estero, Houston

VARNISH—52 cs, 2 dms, Pennsylvanian, Seattle
4 cs, 1 dm, Pennsylvanian, Tacoma

WASHING COMP — 15 cs, Pennsylvanian, Seattle

YEAST—1 bg, Pennsylvanian, Seattle

Cargo Ship Arrivals

May 30 to June 12

New York

Aakre	Genoa*	June 5
Agwistar	Tampico*	June 4
American Trader	London	June 8
American Traveler	San Francisco*	June 10
Aquitania	Southampton*	June 9
Ayuruoca	Santos*	June 10
Beemsterdijk	Rotterdam*	June 4
Black Condor	Antwerp*	June 3
Black Gull	Antwerp*	June 3
Black Tern	Antwerp	June 10
Boren	Helsingfors*	June 3
Borinquen	Trujillo*	June 8
Breedijk	Rotterdam	June 12
Bremen	Bremen*	June 12
Brynje	Vancouver*	June 11
Calamares	Santa Marta*	June 3
Calmar	Portland*	June 12
Cambridge	Liverpool	June 6
Canadian Scottish	Sydney*	June 12
Capulin	Leith*	June 5
Carabobo	Puerto Cabello*	June 3
Castor	Puerto Plata*	June 11
Cavallo	Hull	June 3
Charles Christensen	Astoria*	June 12
Chimu	Pisco*	June 10
City of Baltimore	Hamburg*	June 3
City of Birmingham	Calcutta*	June 11
City of Flint	Liverpool	June 12
Cliffwood	Gothenburg*	June 4
Colombia	Cristobal*	June 8
Columbian	Hawaiian*	June 12
Conti de Savoia	Genoa*	June 11
Cristobal	Cristobal*	June 8
Deutschland	Hamburg*	June 12
Executive	Tangier*	June 12
Exeter	Beirut*	June 10
F J Luckenbach	Tacoma*	June 5
Falcun	Curacao*	June 11
Flora	Maracaibo*	June 8
Fort Amherst	St John's*	June 4
Fort Townshend	St John's*	June 11
Gatun	La Ceiba	June 5
Golden Harvest	San Francisco*	June 10
Hallaren	Norrkoping*	June 5
Heffron	Longview*	June 9
Henry D Whiton	Tacoma*	June 9
Henry S Grove	Zanzibar	June 12
Hoegh Carrier	Dairen*	June 11
Ida	Trieste	June 10
Ile de France	Havre*	June 9
Ivar	Copenhagen	June 8
Jean Jadot	Antwerp	June 5
Kansan	Portland*	June 3
Kishacoquillas	Seattle*	June 10
Konigstein	Antwerp	June 3
Makiki	Honolulu*	June 10
Manhattan	Hamburg*	June 11
Maria	Trieste*	June 5
Martin Sanudo	Naples	June 5
Martinique	Aux Cayes*	June 11
Matheron	Calcutta*	June 4
Matra	Calcutta*	June 11
Mauna Kea	Hawillwill*	June 6
Mauna Loa	Honolulu*	June 3
Munargo	Havana*	June 11
Musa	Puerto Barrios*	June 11
Nankai	Manila*	June 12
Noshiro	Moji*	June 5
Oranje Nassau	Curacao*	June 8
Oriente	Havana	June 5
Paraguayo	Montevideo*	June 9
Paula	Valparaiso*	June 7
Penmar	Seattle*	June 8
Peter Kerr	Stockton*	June 6
Peten	Port Limon*	June 7
Pilsudski	Glynia*	June 11
Pipestone County	Dunkirk*	June 10
Platano	Puerto Barrios*	June 4
Polycarp	Para	June 9
Ponce	San Juan	June 3
Raby Castle	Batavia*	June 4
Rhexenor	Hongkong*	June 4
Rosario	San Juan	June 8
San Jacinto	San Juan	June 9
San Simeon	Portland*	June 10
Santa Inez	Valparaiso*	June 9
Santa Lucia	San Antonio*	June 2
Santa Paula	San Francisco	June 2
Scanstates	Gothenburg	June 11
Seatrain Havana	New Orleans*	June 9
Seatrain New York	New Orleans*	June 2
Sheridan	Para	June 8
Siboney	Vera Cruz*	June 2
Silvercypress	Batavia*	June 11
Southern Cross	Buenos Aires*	June 3
Steel Trader	Warrenton*	June 5
Steel Voyager	Longview*	June 12
Svaneholm	Norrkoping*	June 12
Tai Yang	Manila*	June 5
Texan	Tacoma*	June 5
Toloa	Santa Marta*	June 10
Virginian	Seattle*	June 12
West Cape	Tacoma*	June 10
West Cawthon	Port Natal*	June 12
Western Prince	Buenos Aires*	June 10
Willizipo	Seattle*	June 12
Yucatan	Vera Cruz*	June 9
Zarembo	Pointe Noire*	June 12

* And other ports

Recent Charters

PETROLEUM — 14,000 tons, S S Gretafield, dirty, Venezuela to Dunkirk, 12s 6d; June 1-15

8,500 tons, S S Sylvafield, dirty, Gulf to Hamburg, 14s 3d; June

10,500 tons, S S Thorsholm, dirty, Aruba-Curacao to United Kingdom, Continent-Teddy, 12s; June

7,500 tons, S S Lincoln Ellsworth, crude, Iraq to Italy; June

9,000 tons, S S Gylfe, dirty, Aruba-Curacao to United Kingdom, Continent, 12s; June 5-20

3,373 tons, S S Evita, clean, California to Germany, 21s; July

13,500 tons, S S Basilea, dirty, Iraq-Teneriffe, 6s 6d; Constanza or Aruba, 7s; U S Gulf, 9s 6d; Bahrein, 16s 9d; 36 months, commencing June-July

10,000 tons, S S Montana, crude, Venezuela-Port de Bouc, 14s 6d; June 1-15

6,500 tons, S S Jenny, lubricating oil, U S Gulf, United Kingdom, Continent, 18s; July

9,500 tons, S S Dageid, clean, Aruba-Curacao, United Kingdom, Continent, 12s 3d; June

9,000 tons, S S Vanja, dirty, Aruba-Curacao or Trinidad Island, United Kingdom, Continent, 12s; June

12,600 tons, S S Pericles, 18-month time charter at 5s 9d delivery U S Gulf- Venezuela, Colon, redelivery United Kingdom

13,500 tons, S S Storanger, dirty, Aruba-Curacao or Trinidad Island, United Kingdom, Continent, 12s; May

3,500 tons, S S Vassos, fuel gas oil, Constanza or Black Sea, Antwerp, Hemixem, 13s 3d; also 2,800 tons fuel oil, Constanza or Black Sea, Villequier, 15s; June

13,500 tons, S S Athel, dirty, California, Japan, 13s 6d; July

5,500 tons, S S Iossifoglu, crude, Constanza, Dunkirk, 12s; May 15-31

9,000 tons, S S Dageid, clean, Northern States, South Africa, 19s 6d; July

8,500 tons, S S Nina Borthen, clean, Russian Black Sea-New Zealand, 30s; June

10,000 tons, S S Abu, clean, Constanza, Hamburg, 12s 6d; June

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended June 3

Ipecac root, 4 bags; not U.S.P.

Medicinal preparations, 2 cases; false therapeutic claims.

Medicinal balsam, 10 cases; restricted use.

Nutmegs, technical, 319 bags; restricted use.

Baltimore

Week Ended June 3

Cod liver oil, poultry, 5 barrels; restricted use.

Philadelphia

Week Ended June 3

Medicinal preparation, 1 case; false therapeutic claims.

Eastman Heads Milwaukee P.V.L.A.

The Milwaukee Paint, Varnish and Lacquer Association has elected the following officers:—President, Whitney H. Eastman, president of the William O. Goodrich Company; vice-president, W. M. Linnell, assistant manager of the Pittsburgh Plate Glass Company; secretary-treasurer, R. L. Ferguson, of the Ricketson Mineral Color Works. Delegates to attend the convention of the National Paint, Varnish and Lacquer Association, were named as follows:—Ambrose Esser, P. W. Ruppert, and Myles W. Leep; alternates, L. M. Scott, F. S. Huntoon, and Erfin Hentzen.

Bids and Awards

Bids Wanted

Acetylene and Oxygen

U. S. Engineers, Fort Peck

Bids are wanted by June 15, circular 577, by the U. S. Engineer Office, Fort Peck, Mont., for 220 cubic feet of oxygen, 75,000 cubic feet of acetylene, and 12,000 cubic feet of acetylene.

Bituminous Materials

Treasury Department, Montgomery

Bids are wanted by June 10, procurement 6658, by the State Procurement Officer, Treasbury Department, Old Post Office building, Montgomery, Ala., for 36,000 gallons of bituminous material.

Bituminous Paint

Navy Department, Washington

Bids are wanted by June 12, schedule 7509, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 200 gallons of bituminous paint for Philadelphia, and 125 gallons of bituminous paint for San Diego.

Bookbinding Cement

Veterans Administration, Washington

Bids are wanted by June 9, procurement X-291, by the Procurement Division, Veterans Administration, Washington, for 72 cans of bookbinding cement for Chicago, and 100 cans of bookbinding cement for Perry Point.

Carbon Dioxide Gas

Navy Department, Washington

Bids are wanted by June 9, schedule 8044, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 10,800 cubic feet of carbon dioxide gas, for delivery at Annapolis, Md.

Chemical Specialties

Purchasing Officer, Fort Benning

Bids are wanted by June 10, circular 120, by the Subsistence Purchasing and Contracting Officer, Fort Benning, Ga., for supplies of ammonia, antiseptic solution, borax, metal polish, washing powder, scouring powder, shoe polish, laundry soap and tooth paste.

Cuprous Oxide

Navy Department, Washington

Bids are wanted by June 19, schedule 6071, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 9,000 pounds of dry cuprous oxide for eastern and western yards.

Fumigating Gas

National Archives, Washington

Bids are wanted by June 12, procurement NAR-120, by the Executive Officer, National Archives, Washington, for 300 60-pound cylinders of fumigating gas.

Gasoline and Oil

Army Transport Service, Brooklyn

Bids are wanted by June 15, circular 87, by the Superintendent, Army Transport Service, New York Port of Embarkation, Brooklyn, N. Y., for supplies of grease, kerosene, and oil.

Lard and Lard Substitute

Quartermaster Supply, Fort Sam Houston

Bids are wanted by June 15, circular 239, by the Quartermaster Supply Officer, Fort Sam Houston, Tex., for supplies of lard and lard substitute for various deliveries.

Linseed Oil

Navy Department, Washington

Bids are wanted by June 16, schedule 8059, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 93,000 pounds of raw linseed oil for eastern or western yard.

Paint and Varnish

Army Transport Service, Brooklyn

Bids are wanted by June 15, circular 87, by the Superintendent, Army Transport Service, New York Port of Embarkation, Brooklyn, N. Y., for supplies of wood furniture polish, paints, linseed oil, aluminum powder, varnish mixing for aluminum paint, red lead, white lead, varnish, and putty.

Bureau of Reclamation, Denver

Bids are wanted by June 11, procurement A-42-037-A, by the Purchasing Agent, Bureau of Reclamation, Denver, Colo., for 300 pounds of aluminum bronze paint, 475 pounds of white lead, 100 pounds of zinc oxide in oil, 20 pounds of dry zinc oxide, 650 gallons of raw linseed oil, 25 gallons of turpentine, 40 gallons of japan drier, 5 gallons of volatile thinner, 5,650 pounds of dry red lead, 3,200 pounds of red lead paste, 1,700 pounds of amorphous graphite paste, and 5 gallons of carbon black in oil.

Quartermaster Depot, Philadelphia

Bids are wanted by June 16, circular 304, by the Quartermaster Depot, Twenty-first and Johnston streets, Philadelphia, Pa., for 1,000 pounds of bronze green in oil; 200 pounds of chrome green in oil; 15 pounds of bismark brown, 25 pounds of vandyke brown, 150 gallons of raw linseed oil, 25 gallons of boiled linseed oil, 10 gallons of metallic brown paint, 100 pounds of pure white zinc, 20 gallons of paint remover, 1,000 pounds of putty, 25 pounds of venetian red in oil, 50 pounds of vermilion red in oil, 25 pounds of vermilion red in japan, 20 gallons of orange shellac, 20 gallons of white shellac, 200 gallons of turpentine, 200 pounds of textone, 25 pounds of burnt umber in oil, 25 pounds of raw umber in oil, 25 pounds of burnt sienna in oil, 50 pounds of raw sienna in oil, 10 gallons of rubbing varnish, 20 gallons of water resisting spar varnish, and 3,000 pounds of white lead in oil.

Quartermaster, Fort Hoyle

Bids are wanted by June 12, circular 103, by the Quartermaster, Fort Hoyle, Md., for 200 gallons of lithopone paint, 200 gallons of interior enamel, 20 gallons of lithopone paint, 20 pounds of floor wax, 70 gallons of lithopone paint, 15 gallons of water-resisting enamel, 30 gallons of dark green paint, 50 gallons of paint thinner, 50 gallons of turpentine, 20 gallons of raw linseed oil, 500 pounds of white lead, 20 gallons of light green paint, 100 gallons of whiting putty, and 25 gallons of spar varnish.

U. S. Engineers, Memphis

Bids are wanted by June 12, circular 332, by the U. S. Engineer Office, P. O. Box 97, Memphis, Tenn., for 36,000 pounds of white lead in oil, and 10,000 pounds of dry red lead.

Soap and Cleaner

Army Transport Service, Brooklyn

Bids are wanted by June 15, circular 87, by the Superintendent, Army Transport Service, New York Port of Embarkation, Brooklyn,

N. Y., for supplies of ammonia, disinfectant, metal polish, grit soap, oxalic acid, alcohol, liquid extermination, cleaning crystals, soap powder, alum cleaner, scouring powder, and borax.

Quartermaster Depot, Philadelphia

Bids are wanted by June 11, circular 283, by the Quartermaster Depot, Twenty-first and Johnston streets, Philadelphia, for supplies of ammonia, metal polish, shoe polish, shaving cream, toilet soap, laundry soap, and scouring powder, and by June 15, circular 321, for supplies of liquid bluing, and toilet soap.

Quartermaster, Fort Myer

Bids are wanted by June 11, circular 36, by the Quartermaster, Fort Myer, Va., for supplies of washing powder, and shoe polish.

Quartermaster, Fort Oglethorpe

Bids are wanted by June 11, circular 38, by the Quartermaster, Fort Oglethorpe, Ga., for supplies of hand grit soap, laundry soap, soap powder, shaving soap, toilet soap, talcum powder and toothpaste.

U. S. Engineers, Fort Peck

Bids are wanted by June 10, circular 632, by the U. S. Engineer Office, Fort Peck, Mont., for 1,500 pounds of mechanics' soap; 12,000 pounds of laundry soap; 4,500 pounds of toilet soap, and 5,000 pounds of washing powder soap.

Tar

Treasury Department, Montgomery

Bids are wanted by June 10, procurement 6657, by the State Procurement Officer, Treasury Department, Old Post Office building, Montgomery, Ala., for 24,640 gallons of tar prime.

Yeast

Marine Corps, Washington

Bids are wanted by June 11, schedule 3, by the Quartermaster, Marine Corps, Washington, for supplies of yeast for various deliveries during the fiscal year 1937.

Zinc Oxide

Navy Department, Washington

Bids are wanted by June 16, schedule 8043, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 200,000 pounds of dry zinc oxide for Mare Island.

Paint, Varnish and Lacquer Materials

Naval Stores

(Continued from page 32)

grades were narrow and the undertone of the markets here and in the South was steady or firm. Buyers in the local market were disposed to adhere to a very conservative course in making purchases and while inquiries were received in a fair volume, takings were generaly limited to comparatively small quantities to fill current needs. In the South sales to domestic buyers were on a fair scale and there were also moderate transactions for export account although the foreign purchases were apparently smaller than in recent preceding weeks. Weather conditions in the South were more favorable for operations in the woods and marketing showed some increase.

SAVANNAH, June 5.—Changes in rosin quotations were generally narrow. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—					
	Sat.	Mon.	Tues.	*Wed.	Thurs.	Fri.
B	$3.50	$3.60	$3.60	...	$3.60	$3.70
D	4.10	4.10	4.10	...	4.10	4.15
E	4.10	4.15	4.15	...	4.25	4.25
F	4.30	4.27½	4.27½	...	4.40	4.45
G	4.30	4.30	4.30	...	4.40	4.45
H	4.30	4.20	4.32½	...	4.40	4.45
I	4.35	4.32½	4.35	...	4.45	4.50
K	4.40	4.37½	4.40	...	4.45	4.50
M	4.45	4.37½	4.40	...	4.50	4.55
N	4.50	4.50	4.50	...	4.50	4.55
WG	4.50	4.50	4.50	...	4.50	4.60
WW	4.55	4.55	4.55	...	4.55	4.60
X	4.55	4.55	4.55	...	4.55	4.70
	Barrels					
Sales	709	508	1,113	...	362	1,759
Receipts	1,725	1,440	2,547	...	2,789	1,621
Shipments	9,892	310	371	...	3,158	3,175
Stocks	55,027	56,157	58,333	...	57,964	58,210

* Holiday.

JACKSONVILLE, June 4.—The rosin market had a firm tone. Receipts showed an increase. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—					
	Fri.	Sat.	Mon.	Tues.	*Wed.	Thur.
B	$3.50	$3.40	$3.40	$3.60	...	$3.60
D	4.00	3.90	3.90	4.10	...	4.10
E	4.05	4.00	4.00	4.20	...	4.20
F	4.30	4.30	4.27½	4.30	...	4.35
G	4.30	4.30	4.30	4.35	...	4.35
H	4.32½	4.30	4.35	4.35	...	4.35
I	4.35	4.30	4.35	4.37½	...	4.40
K	4.37½	4.35	4.35	4.40	...	4.40
M	4.40	4.40	4.37½	4.40	...	4.45
N	4.45	4.45	4.45	4.50	...	4.50
WG	4.50	4.50	4.50	4.55	...	4.55
WW	4.55	4.60	4.60	4.60	...	4.60
X	4.55	4.60	4.60	4.60	...	4.60
	Barrels					
Sales	526	427	731	186	...	74
Receipts	1,118	1,538	1,184	1,189	...	1,989
Shipments	8,008	1,594	517	2,623	...	100
Stocks	54,153	54,098	54,765	53,329	...	55,218

* Holiday.

PENSACOLA, May 30.—The rosin market was quiet and steady. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	317	562	203	211	246	511
Shipments	560	987	1,070	...	173	2,132
Stocks	37,642	37,337	36,470	36,681	36,754	35,133

CHICAGO, June 5.—Rosin prices have been at least holding their own and in some cases are slightly stronger. This is on the basis of a demand that is, while not exactly pressing, at least comparatively active and sufficient to take care of the offerings. Most buyers are anxious to get a certain amount of material, and apparently are not holding large supplies. Ruling prices at the close of business last night were:—E grade, $6.80 per lot of 280 pounds; G grade, $6.80; M grade, $6.90; W. W. grade, $7.05.

LONDON, June 5.—Quotations on American rosin were as follows:—

	Per cwt. in barrels	
	Common.	W.W.
	s. d.	s. d.
Saturday	*12 3	13 6
*Monday	.. ..	.. ..
Tuesday	12 3	13 6
Wednesday	12 3	13 6
Thursday	12 3	13 6
Friday	12 3	13 6

* Holiday.

Pine Oil.—The market retained a steady tone. There were reports of a fair inquiry for moderate quantities from local and outside buyers though consumers did not show much disposition to anticipate.

Pitch.—Quotations were generally held at the levels prevailing in the previous week, the tone of the market being regarded as firm. Business lacked snap but was fairly active in a jobbing way.

Rosin Oil.—Conditions here remained much the same as noted in the previous week in the absence of any material change in the primary position of basic material. Business continued along conservative lines.

Tar.—Consumption appeared to be holding up well and although there was apparently no broadening of new business, the market remained in a firm position.

Shellac

While local shellac conditions failed to develop features of substantial interest and importance last week, the severe rise in the dollar value of sterling exchange raised the replacement cost of shellac in the London market. Demand for shellac on the spot pursued a quiet way. Consuming requirements have been booked fairly well ahead, and hence new business was not very brisk. Quotations appeared to be steadier than they were not so long ago, but they were still kept on the low side by a persistent competition that has checked recovery of value to some extent.

London, June 5.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	June 5		May 29	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
August	53	11.5	53	11.5
October	53½	11.6	53½	11.6

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight	
	August.	October.
May 29	53s.	53s. 6d.
*May 30	....	.... ..
†June 1	....	.... ..
June 2	52s. 6d.	53s.
June 3	52s. 6d.	53s.
June 4	53s. 6d.	53s.
June 5	53s.	53s. 6d.

* Holiday here.
† Holiday in London.

Calcutta, June 5.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound	
	June 5.	May 29.
June	11¼c.	11¼c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
May 29	11¼c	Steady
*May 30	.....	.....
June 1	11¼c	Steady
June 2	11¼c	Steady
June 3	11¼c	Steady
June 4	11¼c	Steady
June 5	11¼c	Steady

* Holiday here.

Lacquer Materials

Business in the lacquer materials was slower during the week just closed. The slower demand could be attributed to the seasonal letdown in operations of certain consuming industries, particularly the automobile trade. Reports from the automobile industry were to the effect that operations would be down to 100,000 units per month for June, after which month automobile manufacturers were planning to give serious consideration to the process of changing-over for the new models. The 1936 year has been one of the greatest in the history of the automobile industry, for it will be recalled that the high ratio of operations got underway in November, at which time the annual show was held, rather than in January. Acetone appeared steadier at the prices established in the previous week. Butyl alcohol demand was fair. Film scrap was strong, with a good call noted.

Acetone.—The correct price schedule for acetone follows: tanks, 8c. per pound; car lots, 9c. per pound and less than car lots, 9½c. per pound. The prices were listed incorrectly on page 4 of the June 1 issue.

Butyl Alcohol.—Demand here continued at an irregular pace during the week just closed, but the price tone was steady to firm.

Butyl Acetate.—This market offered little change, with the shipments moving out in conservative volume, and prices ruled at the levels in effect previously.

Dibutyl Phthalate.—This market was much the same as the preceding period, with demand moving at an irregular pace, and prices were steady at previous levels.

Ethyl Acetate.—The letdown in operations in certain consuming channels was a factor slowing demand here, but the relative quiet failed to have an influence on the market from a price standpoint.

Film Scrap.—This market continued to experience a good inquiry from export and domestic account, and prices held firm.

Tricresyl Phosphate.—Although the market was rather quiet last week, sellers reported a firm price position, a direct reflection of the firmness in the prices for cresylic acid.

Driers

There has been no change in the position of stearate driers and manufacturers have not yet indicated what they are likely to ask when contracts for the third quarter are solicited. It is likely that the appearance of contract offerings for the July-September period will not take place for another two weeks, according to the position taken by some sellers. There is a new seller in the market, offering aluminum and zinc stearates.

Glues and Binders

Casein.—The domestic article moved up ½c. per pound last week. The rise was constituted by two advances of ¼c. each. Current prices for car lots, basis delivered, are 15c. per pound for 20-30 mesh and 15½c. per pound for 80-100 mesh. The advance in prices has fostered a heavy buying movement and paper coaters are seeking to cover for forward needs—a condition that is peculiar for this time of the year when production is usually heavy. Argentine material is higher with 20-30 mesh quoted at the equivalent of 15¼c. and 80-100 at the basis of 15½c. per pound. French exporters to this country were not offering last week. Internal conditions caused the suppliers of French to withdraw from the market.

Glues.—The market is in a steady position at unchanged prices. Quotations for bone and hide glues have held without shift for the past several weeks albeit the latter is costlier to produce than it was at the time current quotations were established.

Nifty Niblicks Season Opens with Record Field

The Nifty Niblicks, golfing fraternity of the Chicago Paint, Varnish and Lacquer Association, opened its season May 21, with a record attendance of seventy-two players. The prize winners were:—

Old Timers Day trophy donated by Beck, Koller & Co., won by L. E. Cary. Class A, won by Fred Wright; second, R. M. Reed, jr.; third, L. E. Cary. Prizes donated by the Western Dry Color Company, Fred L. Brooke, and the Anderson-Prichard Oil Company. Class B, won by H. A. Melum; second, Frank Gill; third, W. J. Kehoe. Prizes by the American Distilling Corporation, the W. H. Barber Company, and the New Jersey Zinc Sales Company. Class C, won by M. P. Cortelet; second, H. Swales; third, H. G. Simpson. Prizes by R. T. Vanderbilt & Co., the Wilson & Bennett Manufacturing Company, and the Anderson-Prichard Oil Company. Guest prizes, won by L. Carpenter, W. Stuart, and M. Ogawa. Prizes by England & O'Toole, the DeLaval Separator Company, and the Calco Chemical Company. Special prize, high gross, won by C. F. Brehmen. Prize by F. Z. Woods. Flight winners, P. Cuenot, E. O'Toole, E. Pennebaker, J. Rutherford, M. Pine, W. Gairns, N. Larsen, P. Winkle, C. Lambe, L. Williams, W. Houze, W. Sime, P. Calo, J. Stewart, D. Lewis, P. Fox, F. Hancock, E. Valance, R. Holland, L. Brigham, H. Mellum, H. Pinney, R. Reed, jr., A. Huzzer, E. O'Connor, W. Larkin and M. Bodwin.

Paint Credit Men to Fight Bad Debt Losses

A meeting of the credit group of the paint industry will be held in conjunction with the credit congress of industry at the time of the 1936 convention of the National Association of Credit Men, June 11, at Richmond, Va. A meeting of the credits and collections committee of the National Paint, Varnish and Lacquer Association will take place at the same time when Chairman F. J. Hamerin will preside. Ernest T. Trigg, president of the association, will also be present at the sessions.

Executives of paint and varnish manufacturers are urged to send their credit managers to the meeting in order to derive the utmost benefit from these deliberations, when plans will be perfected to strengthen the credit structure and organize the combined forces of the industry in their war on bad debt losses.

Oils, Fats and Waxes

Fats and Greases

(Continued from page 35)

to 4¼c.; yellow, 16-20, 3⅞c. to 4c.; brown, 3¾c. to 3⅞c.

STEARINS (barrels).—Prime oleo, 7¼c. to 7½c. per pound; lard, packages, 10⅛c. to 10¼c.; A white grease, 5c. to 5¼c.; A white grease, export, 5⅝c. to 6c.; yellow grease, 3¾c. to 4c.; extra oleo stocks, 9¾c. to 10c.; No. 2 stocks, 9¼c. to 9½c. (Oleo stocks in car lots.)

Liverpool, June 5.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	July.	Sept.	Oct.
	s. d.	s. d.	s. d.	s. d.
Saturday	50 0	46 3	47 0	.. ..
*Monday	.. ..	.. ..	.. ..	.. ..
Tuesday	50 0	46 6	47 0	47 3
Wednesday	50 0	46 3	47 3	47 3
Thursday	50 6	47 3	48 3	48 6
Friday	51 0	47 9	49 3	.. ..

* Holiday.

Liverpool, June 5.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed.
	s. d.	s. d.
Saturday	26 0	21 9
*Monday	.. ..	.. ..
Tuesday	26 0	21 9
Wednesday	26 0	21 9
Thursday	26 0	21 9
Friday	26 0	21 9

* Holiday.

Fatty Acids

Red Oil.—A steady tone prevailed, quotations being maintained at previous levels by producers. Business lacked snap but there was a fair demand for moderate quantities from local and other buyers.

Stearic Acid.—Selling schedules were without change and the tone of the market appeared to be steady. There was little change in the character of business, consumers being disposed to adhere to a conservative course in making purchases.

Markets at Other Centers

Chicago, June 5.—Fatty acids business shows little change in market characteristics from that noted for some time. Most of the buying is of a somewhat scattered and inconclusive nature, so far as concerns determining the current or prospective market trend. Movement of material out to buyers seems to be along moderate lines. Prices are fairly steady.

FATTY ACIDS.—Corn oil, double distilled, 5¾c. to 6c. per pound, tankcar; 6¼c. to 6½c., barrels, car lots; 6¾c. to 7c., barrels, less than car lots; coconut oil, acidulated, 6c. to 6¼c. per pound, tankcar, mostly nominal; 6½c. to 6¾c., barrels, car lots; 7c. to 7¼c., barrels, less than car lots; cottonseed oil, double distilled, 5¼c. to 5½c., tankcar; 5¾c. to 6c., barrels, car lots; 6¼c. to 6½c.; settled cottonseed soap stock, 60-62 percent basis, 3c. to 3¼c.; boiled down soap stock, 65 percent basis, 3¾c. to 4c.; cottonseed foots, 50 percent basis, 1¼c. to 1½c.

STEARIC ACID.—Single press, 8c. to 9c. per pound; double press, 8½c. to 9½c.; triple press, 11¼c. to 12¼c.

RED OILS.—Distillated or saponified, tanks, 7¾c. per pound; drums, 8½c.; barrels, 8⅝c.

Waxes

Bees.—Steady trading in substantial volume was reported in the market for refined yellow and white bleached beeswax. The prices were very firm and reflected, in part, at least, the much higher prices that were paid for crude beeswax in the not far distant past. Undertones were firm to strong and prices lacked any signs of unsettlement.

Candelilla.—Business was conservative in volume and most orders called for small lots of the material. Manufacturing requirements seemed to have been covered fairly well ahead, a condition reflected in the low volume of current trade.

Carnauba.—Brazil continued to quote a firm market and to show disregard for the absence of substantial business from the United States. All reports locally indicate that stocks in the primary market were probably the smallest for some time past at this season of the year. The general feeling was that when demand for futures shall be revived in volume, advancing prices at the source are likely to be the result. Spot conditions continued to reflect the competition that limited demand has kept to the surface but shading of prices, when it occurred, was slight and for the most part sellers were disposed to await the inevitable revival of demand.

Japan.—A routine and usually jobbing demand for this material was the common experience of sellers on spot last week. The replacement market was firm at prices not much lower than those asked for prompt delivery goods now available on spot. Supplies unsold on this market were ample to care for an expansion in consuming needs, should such expansion take place.

Elmer DeGraf, formerly with the Plant Rubber & Asbestos Company, and the Southern Asbestos & Magnesia Company, subsidiary of the Paraffine Companies, has joined the personnel of the Edgar S. Browning Company, San Francisco.

Business Opportunities—Classified

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words.

Payable in advance at 12 Gold Street, New York

Agents Wanted

DIRECT IMPORTERS of chemicals and raw materials, open to appoint agents, invite correspondence from established sales organizations in consuming centers. BOX 441, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—800 tons bone char. Liquidation of all machinery and equipment of the Spreckels Sugar Refinery, including: six Vallez No. 4 filters; twenty-six Shriver 32 inch by 32 inch filter presses; sixty bronze basket centrifugals; seven Oat & Sons vacuum pans, copper coils; one Swenson and one Oat triple effect evaporators; one Oat quadruple effect evaporator; ten Hersey rotary dryers, 6 feet by 23 feet and 6 feet by 30 feet; thousands of tons of cast iron and steel pipe and fittings, ⅛ inch to 24 inch; two hundred motors from ¼ to 75 H.P.; complete chemical and research laboratory with complete library. Miscellaneous: vacuum centrifugal and steam pumps, compressors, engines, boilers, generator sets, blowers, packaging machinery, electrical trucks, screens, scales, tanks conveyors, bucket elevators, etc. Send for 32-page catalogue. Address all inquiries to Consolidated Products-Spreckels Liquidation, Yonkers, New York—Telephone Yonkers 2400.

FOR SALE—At real bargain prices. Three and 5-roll Lehman roller mills, horizontal and vertical; also National Equipment roller mills, Hardinge Conical ball mill with superfine air purifier. Union Standard Equipment Co., 318 Lafayette street, New York, N. Y.

FOR SALE—Five Day 800-pound dry mixers, Schutz O'Neill 20-inch limited mill, Day rapid sifter No. 3, Kent 8-inch motor-driven stone mill. BOX 434, Oil, Paint and Drug Reporter.

FOR SALE—De Laval centrifugal oil separator, No. 700, with 3-phase motor. Machine is as good as new, and can be purchased for about 40% of the standard price. BOX 435, Oil, Paint and Drug Reporter.

FOR SALE: 1,000 lb. electric Shepard hoist; perfect condition. Sacrifice for D. C. current. BOX 448, Oil, Paint and Drug Reporter.

Equipment Offered

PEBBLE MILL—Fifty gallon working capacity, rebuilt new porcelain lining. Kettles jacketed, agitators installed to fit your conditions, iron, stainless steel, glass lined, copper aluminum. Edw. W. Lawler, Inc., Durham avenue and L. V. R. R., Metuchen, N. J.

REAL BUY in two hundred gallon per hour continuous vacuum still. This has been thoroughly rebuilt, is guaranteed to be in first class condition, can not be beat for distilling either gasoline or heavy solvents. If you are looking for a real still get in touch with us promptly. The Schwab Machinery & Supply Company, Toledo, Ohio.

Factories Offered

FOR RENT—Paint and varnish factory. Purchase of machinery optional. Acme Shellac Products Corporation, 43-15 36th street, L. I. City. Phone Stillwell 4-2680.

Materials Offered

SAW PALMETTO BERRIES. A. B. Wilkinson, Edgewater, Fla.

Materials Wanted

WANTED—Wastes, by-products, residues of all kinds; also surplus chemicals, solvents, colors, waxes, pigments, glues, paints, drugs, cosmetic specialties. Any quantity. Any condition. Machinery bought and sold. BOX 452, Oil, Paint and Drug Reporter.

Positions Vacant

OLD ESTABLISHED manufacturer of quality paints and varnishes has important position open for an experienced salesman in Philadelphia territory, also for one in central New York State. Only those with a knowledge of the territories and with established trade, need apply. Members of our own sales force are acquainted with these openings. In first letter, to save time, state age, experience, remuneration expected and give references. If employed at present, furnish name of employer. BOX 456, Oil, Paint and Drug Reporter.

Positions Vacant

WANTED: Commission salesman contacting paint trade and furniture manufacturers, desiring to represent shellac bleacher in the sale high-grade shellac varnish. Following territories available: New York City, New Jersey, Eastern Pennsylvania and all States west of the Mississippi (St. Louis, Mo., excepted). BOX 430, Oil, Paint and Drug Reporter.

ARE YOU now employed and controlling a large dealer or industrial trade, or both and making no headway? To such a person, a reputable New York paint and varnish manufacturer offers a profit-sharing arrangement without investment. Our salesmen know of this "ad." Write for interview in confidence. BOX 445, Oil, Paint and Drug Reporter.

CHEMIST—Company in paper converting line manufacturing its own finishes requires chemist thoroughly conversant with nitrocellulose lacquer formulation and with synthetic resin field, dyes and pigments. A thorough and capable chemist will find this a permanent position with a very good future. State your experience fully and salary desired. Location Middle West. BOX 449, Oil, Paint and Drug Reporter.

Positions Wanted

GRADUATE CHEMIST with laboratory and plant experience wants position in textile or chemical field. BOX 394, Oil, Paint and Drug Reporter.

EXPERIENCED EXECUTIVE in paints and varnishes is now available. Proven sales record. Excellent references. Would prefer connection with manufacturer of full line. BOX 424, Oil, Paint and Drug Reporter.

EXPORT MAN, young, ex-manufacturers' agent abroad. Expert accountant and auditor. Speaks Spanish fluently. Wishes connection in domestic or foreign staff or to act as combination export manager. BOX 429, Oil, Paint and Drug Reporter.

CAPABLE SANITARY chemical specialist—12 years' experience manufacturing disinfectants, insecticides, soaps, polishes, cleaning compounds, etc., desires position as superintendent or chemist. Single, age 42, B.S. Available at once. BOX 446, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST—M.S., experience includes superintending, production and research in floor treatments, including all types of waxes. Original and radically different formulations now in production. Trained in organic and biological chemistry, and in bacteriology and pharmacology. BOX 431, Oil, Paint and Drug Reporter.

CAPABLE CHEMIST (B.S.) with years of experience manufacturing and analyzing lubricating greases, disinfectants, insecticides, soaps, deodorants, cleansers, etc., desires active partnership in well established consulting and analytical laboratory. BOX 447, Oil, Paint and Drug Reporter.

PHARMACEUTICAL RESEARCH or plant manager. Ph.D. (organic chemistry) with 10 years' research and manufacturing experience in leading medicinal firm. Developed new antiseptics, intestinal absorbents, enteric coatings, tablet compositions, biological preparations, ointments, organometallic synthetics, hypnotics. Patents, scientific publications and promotional literature. Producer. BOX 450, Oil, Paint and Drug Reporter.

CHEMIST, sales engineer, married. Five years research and sales experience with oils, fats, abrasives, natural and synthetic waxes. Fully acquainted with industrial market demands. Valuable sales connections. Desires technical sales position, metropolitan area, commission basis. BOX 451, Oil, Paint and Drug Reporter.

CHEMIST and sales service man, who has done extensive work in synthetic resins and plastics. BOX 453, Oil, Paint and Drug Reporter.

ANALYTICAL CHEMIST with ten years work on oils, greases and specialties for textile finishing. BOX 454, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEERING graduate has had laboratory experience in dry colors, sewage disposal, etc. BOX 455, Oil, Paint and Drug Reporter.

Services Offered

WHEN YOU want to manufacture a new product or to improve your present processes, communicate with Clarence P. Harris, 174 Madison avenue, New York City.

REBUILT MACHINERY SELECTED ITEMS

6—Pebble Mills, 2'x3'6", 3x4, 4'6x3'6, 4x6, 5x4, 54"x4', 4x5.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton, Richen & Morris single punch Tablet Machines, ¼" to 2" dia.
3—175 gal, heavy gauge Copper Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
3—26" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, several with sifters; 800, 1,200, 1,500, 1,600, 2,000, 2,200 and 4,000 pound capacity.
1—Colton No. 10 worm type Paste Filler.
3—Ross 18" watercooled, motor driven Iron Mills.
1—Kent 12x30 w.c. Roller Mill.
3—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
3—Ross Paste Mixers, 50 and 75 gals.
2—700 gal. Durfee Jack. Kettles, closed.
1—200 H.P. B. & W. Boiler, A.S.M.E. 200 lbs.
3—Werner & Pfleiderer Jack. Mixers, size 15, heatable sigma blades.
1—42x42" Shriver Iron Filter Press.
1—Lake Shore Double Drum Dryer, each drum 4x12'.

Miscellaneous: Dryers; Mixers; Fillers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
Phone: Barclay 7-0600
Plant: 335 Doremus Ave., Newark, N. J.
Cable Address: Equipment

Corporation Earnings Recently Reported

	Period.	1936 Net Income.	1936 Per share.	1935 Net Income.	1935 Per share.
American I. G. Chemical Corp.	Yr. 3-31	$3,302,939	$0.42	$2,527,868	$0.32
Columbia Oil & Gasoline Corp.	1935	318,487	...	112,208	...
Commercial Alcohols, Ltd.	Yr. 3-31	15,226	...	1,536	...
Consolidated Oil Corp.	1935	9,635,536	.69	203,562	...
Container Corp. of America	4 mos.	246,076	.38	.....	...
Crown Cork & Seal Co.	1st qr.	224,281	.33	201,334	.27
Darby Petroleum Corp.	1935	459,475	1.31	246,840	.48
Diamond Match Co.	1935	2,276,304	1.75	.....	...
Diamond Match Co.	1st qr.	507,759	.39	565,532	.44
Empire Oil & Refining Co.	12 mos.	64,931	...	.....	...
Hazel Atlas Glass Co.	1st qr.	457,338	1.05	575,160	1.32
McKesson & Robbins, Inc.	1st qr.	551,005	.12	228,694	...
Mountain Producers Corp.	1935	753,048	.47	596,349	.37
Pan Amer. Petroleum & Transport Co.	1st qr.	607,884	.13	*30,099	...
Parke, Davis & Co.	1st qr.	2,312,694	.47	.....	...
Sunray Oil Corp.	1st qr.	136,750	.08	.....	...
Superior Oil Corp.	1st qr.	63,438	.06	81,561	.08
Texas Corp.	1935	9,747,533	1.04	6,419,354	.69
Texas Gulf Producing Co.	1st qr.	210,111	.24	194,212	.22
Venezuelan Oil Concessions	1935	913,018	...	806,142	...
Vick Chemical Co.	1st qr.	1,016,784	1.45	719,015	1.03
Vulcan Detinning Corp.	1st qr.	60,994	1.06	66,191	1.86

* Deficit.

Dr. G. C. North, formerly of the Wisconsin Alumni Research Foundation, has become affiliated with the Beatrice Creamery Company, Chicago, where he will be concerned principally with investigating new products and processes of possible interest to the ice cream and fluid milk sections of the company. He will work in collaboration with the research staff of Arthur D. Little, Inc., chemist and engineer, Cambridge, Mass.

Master Painters and Decorators' Association, Baltimore, at its May meeting, was entertained with a motion picture of the making of shellac, put on by A. Lee Amos, of the Pittsburgh Plate Glass Company, through the courtesy of the William Zinsser & Co., this city. The film was entitled "The Story of Shellac" and was accompanied with a running description by Mr. Amos.

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
American Home Products Corp.	Com.	M.	20c.	July 1	June 15
Amparo Mining Co.	Com.	..	1c.	June 10	June 1
Armour & Co. (Del.)	Pfd.	Q.	$1.75	July 1	June 10
Armour & Co. (Ill.)	Pfd.	Q.	$1.50	July 1	June 10
Armour & Co. (Ill.)	Old pfd.	Q.	$1.50	July 1	June 10
California Ink Co.	.....	Q.	50c.	July 1	June 20
California Ink Co.	.....	Ext.	12½c.	July 1	June 20
California Packing Co.	Com.	..	37½c.	June 15	May 29
Carter (Wm.) Co.	Pfd.	Q.	$1.50	June 15	June 10
Celluloid Corp.	Pfd.	..	$2.00	June 12	June 2
Chesebrough Mfg. Co.	Com.	Q.	$1.00	June 29	June 5
Chesebrough Mfg. Co.	Com.	Ext.	50c.	June 29	June 5
Chickasha Cotton Oil Co.	Com.	..	50c.	July 1	June 10
Clorox Chemical Co.	Com.	Q.	65c.	July 1	June 20
Colgate-Palmolive-Peet Co.	Pfd.	Q.	$1.50	July 1	June 5
Commercial Solvents Corp.	Com.	S.	30c.	June 30	June 1
Congolium-Nairn, Inc.	Com.	Q.	25c.	June 15	June 1
Crown Cork International Co.	Cl. A	..	25c.	July 1	June 10
Crown Cork & Seal Co.	Pfd.	Q.	68c.	June 15	May 29
Crown Drug Co.	Com.	..	10c.	June 10	June 1
Devonian Oil Co.	Com.	Q.	25c.	June 15	May 29
Eastman Kodak Co.	Com.	Q.	$1.25	July 1	June 5
Eastman Kodak Co.	Com.	Ext.	25c.	July 1	June 5
Eastman Kodak Co.	Pfd.	Q.	$1.50	July 1	June 5
Falconbridge Nickel Mines.	Com.	Q.	7½c.	June 25	June 4
General Refractories Co.	Com.	Q.	50c.	June 30	June 1
Greene Cananea Copper Co.	.....	Q.	75c.	June 15	June 8
Group No. 1 Oil Corp.	.....	Q.	$100.00	June 30	June 10
Hiram Walker-Gooderham & Worts, Ltd.	Com.	Q.	50c.	June 15	May 25
Hiram Walker-Gooderham & Worts, Ltd.	Pfd.	Q.	25c.	June 15	May 25
Honolulu Oil Corp.	.....	..	25c.	June 15	June 5
Humble Oil & Refining Co.	Com.	Q.	25c.	July 1	.....
International Nickel (Can.)	Com.	..	30c.	June 30	June 1
International Vitamin Co.	Com.	..	10c.	July 1	June 5
International Vitamin Co.	Com.	Ext.	2½c.	July 1	June 5
Lindsay Light & Chemical Co.	Pfd.	Q.	17½c.	June 15	June 5
London Tin Corp.	Pfd.	S.	3¾%	June 23	June 1
McClanahan Oil Co.	Com.	Q.	1½c.	June 16	June 1
Ohio Oil Co.	Pfd.	Q.	$1.50	June 15	June 5
Paraffine Cos.	Com.	Q.	50c.	June 27	June 10
Penick & Ford, Ltd.	Com.	Q.	75c.	June 15	June 1
Peoples Drug Stores Co.	Pfd.	Q.	$1.62½	June 15	June 1
Petroleum Exploration Co.	Com.	Q.	25c.	June 15	June 5
Petroleum Exploration Co.	Com.	Ext.	10c.	June 15	June 5
Philadelphia Co.	$6 pfd.	Q.	$1.50	July 1	.....
Philadelphia Co.	$5 pfd.	Q.	$1.25	July 1	.....
Pittsburgh Plate Glass Co.	Com.	Q.	50c.	July 1	June 10
Pure Oil Co.	8% pfd.	Q.	$2.00	July 1	June 10
Pure Oil Co.	6% pfd.	Q.	$1.50	July 1	June 10
Pure Oil Co.	5½% pfd.	Q.	$1.25	July 1	June 10
Pyrene Mfg. Co.	Com.	..	20c.	June 15	June 1
Seaboard Oil Co. (Del.)	Com.	Q.	25c.	June 15	June 1
Shell Union Oil Corp.	Pfd.	..	$1.37½	July 1	June 10
Siscoe Gold Mines, Ltd.	Com.	Q.	5c.	June 15	May 30
Standard Brands, Inc.	Com.	Q.	20c.	July 1	June 8
Standard Brands, Inc.	A pfd.	Q.	$1.75	July 1	June 8
Standard Oil Export Co.	Pfd.	S.	$2.50	June 30	June 9
St. Joseph Lead Co.	.....	..	20c.	June 20	June 9
Sun Oil Co.	Com.	Q.	25c.	June 15	May 25
Swift & Co.	Com.	Q.	25c.	July 1	June 1
Texas Corp.	Com.	Q.	25c.	July 1	June 5
Texas Gulf Sulphur Co.	.....	..	50c.	June 15	June 1
Texon Oil & Land Co.	Com.	Q.	15c.	June 30	June 10
Tide Water Associated Oil Co.	Pfd.	Q.	$1.50	July 1	June 10
Union Carbide & Carbon Corp.	.....	..	60c.	July 1	June 5
U. S. Graphite Co.	Com.	Q.	25c.	June 15	June 1
U. S. Industrial Alcohol Co.	.....	..	25c.	July 1	June 15
Vick Financial Corp.	Com.	S.	15c.	June 20	June 5
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